

```

FILE 'REGISTRY' ENTERED AT 14:11:28 ON 15 JUL 2010
L1      STRUCTURE UPLOADED
L2      18 S L1
L3      3229 S L1 SSS FULL

FILE 'HCAPLUS' ENTERED AT 14:12:56 ON 15 JUL 2010
L4      4594 S L3
L5      7738 S GALACTOMANNAN OR (LOCUST BEAN)
L6      104 S L4 AND L5
L7      152077 S COSMETIC OR HAIR OR SHAMPOO
L8      57 S L6 AND L7
L9      28 S L8 AND (PY<2004 OR AY<2004 OR PRY<2004)
L10     7288 S (LOCUST BEAN) OR CAROB OR TARA OR CERATONIA OR CAESALPINIO
L11     4900 S L5 AND L10
L12     316 S L11 AND L7
L13     57 S L4 AND L11
L14     28 S L7 AND L13
L15     18 S L14 AND (PY<2005 OR AY<2005 OR PRY<2005)

FILE 'REGISTRY' ENTERED AT 14:47:45 ON 15 JUL 2010
      EXP LOCUST BEAN/CN
L16     1 S E4
      EXP TARA/CN
L17     1 S E7
L18     STRUCTURE UPLOADED
L19     1 S L18
L20     226 S L18 SSS FULL

FILE 'HCAPLUS' ENTERED AT 14:49:28 ON 15 JUL 2010
L21     1380 S L20
L22     6203 S L16 OR L17 OR TARA OR (LOCUST BEAN) OR (CERATONIA SILIQUA)
L23     7066 S L16 OR L17 OR TARA OR (LOCUST BEAN) OR (CERATONIA SILIQUA)
L24     24 S L21 AND L23
L25     17 S L24 AND (PY<2005 OR AY<2005 OR PRY<2005)

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=> file reg
COST IN U.S. DOLLARS
FULL ESTIMATED COST

SINCE FILE	TOTAL
ENTRY	SESSION
0.22	0.22

FILE 'REGISTRY' ENTERED AT 14:11:28 ON 15 JUL 2010
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
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Property values tagged with IC are from the ZIC/VINITI data file
provided by InfoChem.

STRUCTURE FILE UPDATES: 14 JUL 2010 HIGHEST RN 1232137-41-5
DICTIONARY FILE UPDATES: 14 JUL 2010 HIGHEST RN 1232137-41-5

New CAS Information Use Policies, enter HELP USAGETERMS for details.

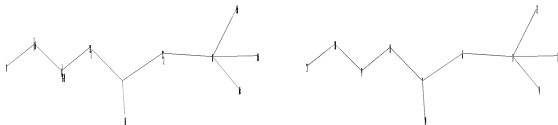
TSCA INFORMATION NOW CURRENT THROUGH January 8, 2010.

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of
experimental property data in the original document. For information
on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

=>
Uploading C:\Program Files\STNEXP\Queries\10587526sidechain.str



chain nodes :
1 2 3 4 6 7 8 9 10 11 14
chain bonds :
1-2 1-3 1-4 1-6 6-7 7-8 7-14 8-9 9-10 10-11
exact/norm bonds :
1-2 1-3 1-4 7-14 9-10 10-11
exact bonds :
1-6 6-7 7-8 8-9

Connectivity :
2:1 X maximum RC ring/chain 3:1 X maximum RC ring/chain 4:1 X maximum RC
ring/chain

Match level :
1:CLASS 2:CLASS 3:CLASS 4:CLASS 6:CLASS 7:CLASS 8:CLASS 9:CLASS 10:CLASS
11:CLASS 14:CLASS
Generic attributes :

2:
 Saturation : Saturated
 3:
 Saturation : Saturated
 Number of Carbon Atoms : less than 7
 4:
 Number of Carbon Atoms : less than 7

L1 STRUCTURE UPLOADED

=> s l1

SAMPLE SEARCH INITIATED 14:11:39 FILE 'REGISTRY'
 SAMPLE SCREEN SEARCH COMPLETED - 20735 TO ITERATE

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 INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
 SEARCH TIME: 00.00.01

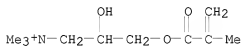
FULL FILE PROJECTIONS: ONLINE **COMPLETE**
 BATCH **COMPLETE**
 PROJECTED ITERATIONS: 406076 TO 423324
 PROJECTED ANSWERS: 2913 TO 4551

L2 18 SEA SSS SAM L1

=> d l2 scan

L2 18 ANSWERS REGISTRY COPYRIGHT 2010 ACS on STN
 IN 1-Propanaminium, 2-hydroxy-N,N,N-trimethyl-3-[(2-methyl-1-oxo-2-propenyl)oxy]-, chloride, polymer with butyl 2-methyl-2-propenoate and ethenylbenzene (9CI)
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 CI PMS

CM 1

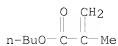


● Cl⁻

CM 2



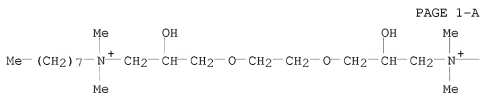
CM 3



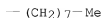
HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):3

L2 18 ANSWERS REGISTRY COPYRIGHT 2010 ACS on STN
 IN 1-Octanaminium, N,N'-[1,2-ethanediylbis[oxy(2-hydroxy-3,1-
 propanediyl)]]bis[N,N-dimethyl-, dodecanoate (1:2)
 MF C28 H62 N2 O4 . 2 C12 H23 O2

CM 1



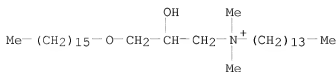
PAGE 1-B



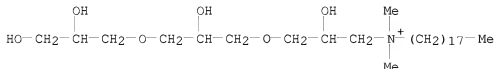
CM 2



L2 18 ANSWERS REGISTRY COPYRIGHT 2010 ACS on STN
 IN 1-Tetradecanaminium, N-[3-(hexadecyloxy)-2-hydroxypropyl]-N,N-dimethyl-
 MF C35 H74 N O2
 CI COM



L2 18 ANSWERS REGISTRY COPYRIGHT 2010 ACS on STN
 IN 1-Octadecanaminium, N-[3-[3-(2,3-dihydroxypropoxy)-2-hydroxypropoxy]-2-hydroxypropyl]-N,N-dimethyl-, chloride (1:1)
 MF C29 H62 N O6 . Cl



● Cl⁻

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):0

=> s ll sss full
 FULL SEARCH INITIATED 14:12:38 FILE 'REGISTRY'
 FULL SCREEN SEARCH COMPLETED - 410549 TO ITERATE

100.0% PROCESSED 410549 ITERATIONS 3229 ANSWERS
 SEARCH TIME: 00.00.10

L3 3229 SEA SSS FUL L1

=> file hcaplus

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	192.03	192.25

FILE 'HCAPLUS' ENTERED AT 14:12:56 ON 15 JUL 2010
 USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
 PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
 COPYRIGHT (C) 2010 AMERICAN CHEMICAL SOCIETY (ACS)

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FILE COVERS 1907 - 15 Jul 2010 VOL 153 ISS 3
 FILE LAST UPDATED: 14 Jul 2010 (20100714/ED)
 REVISED CLASS FIELDS (/NCL) LAST RELOADED: Apr 2010
 USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Apr 2010

HCAplus now includes complete International Patent Classification (IPC) reclassification data for the second quarter of 2010.

CAS Information Use Policies apply and are available at:

<http://www.cas.org/legal/infopolicy.html>

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s l3

L4 4594 L3

=> s galactomannan or (locust bean)

3618 GALACTOMANNAN

9668 LOCUST

70441 BEAN

4650 LOCUST BEAN

(LOCUST(W)BEAN)

L5 7738 GALACTOMANNAN OR (LOCUST BEAN)

=> s l4 and l5

L6 104 L4 AND L5

=> s cosmetic or hair or shampoo

80237 COSMETIC

80895 HAIR

8271 SHAMPOO

L7 152077 COSMETIC OR HAIR OR SHAMPOO

=> s l6 and l7

L8 57 L6 AND L7

=> s l8 and (PY<2004 or AY<2004 or PRY<2004)

24051318 PY<2004

4832688 AY<2004

4306822 PRY<2004

L9 28 L8 AND (PY<2004 OR AY<2004 OR PRY<2004)

=> d l9 1-26 ti abs bib

L9 ANSWER 1 OF 28 HCAPLUS COPYRIGHT 2010 ACS on STN

TI Cationic Cassia polymers and hair fixative applications
therefore

AB This invention relates to cationic Cassia polymers and to their use in hair fixative applications. The cationic Cassia polymers demonstrate superior stiffness profiles and a high level of curl retention when subjected to high humidity conditions for extended periods of time. Thus, cationic Cassia (Cassia hydroxypropyl trimethylammonium chloride) was prepared: to a reaction vessel 160 g of Cassia gum was mixed in a solution of 921 g of 44% isopropanol in water; 4.5 g of potassium hydroxide was added and slurry was formed; 92.8 g of 2,3-epoxypropyltrimethylammonium chloride was added; the reaction slurry was heated to 70° and kept for 3 h; after cooling to 50°, the slurry was diluted with 380 g of 99% isopropanol and neutralized to a pH of about 7.0 with a solution of acetic acid; the Cassia hydroxypropyl trimethylammonium chloride product was filtered, washed, air dried overnight and oven dried at 100° for 4 h to produce 179.3 of cationic Cassia; the final product has a nitrogen content of 2.18 weight% and a charge d. of 1.56 meq/g.

AN 2010:377405 HCAPLUS <<LOGINID:20100715>>

DN 152:365996

TI Cationic Cassia polymers and hair fixative applications
therefore

IN Lepilleur, Carole A.; Rafferty, Denise W.; Fruscella, Jeffrey A.; Zellia, Joseph A.
 PA Lubrizol Advanced Materials, Inc., USA
 SO PCT Int. Appl., 69pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2010033302	A1	20100325	WO 2009-0551894	20090728
	W: AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PE, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW				
	RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, SE, SI, SK, SM, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
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PRAI	US 2008-211494	A	20080916		
	US 2003-479793P	P	20030619	<--	
	US 2004-874296	A1	20040618		
	US 2007-843920	A2	20070823		

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT
 RE.CNT 18 THERE ARE 18 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 2 OF 28 HCAPLUS COPYRIGHT 2010 ACS on STN
 TI Cationic Cassia polymers and hair fixative applications
 therefore
 AB This invention relates to cationic Cassia polymers and to their use in hair fixative applications. The cationic Cassia polymers demonstrate superior stiffness profiles and a high level of curl retention when subjected to high humidity conditions for extended periods of time. Thus, cationic Cassia (Cassia hydroxypropyl trimethylammonium chloride) was prepared: to a reaction vessel 160 g of Cassia gum was mixed in a solution of 921 g of 44% isopropanol in water; 4.5 g of potassium hydroxide was added and slurry was formed; 92.8 g of 2,3-epoxypropyltrimethylammonium chloride was added; the reaction slurry was heated to 70° and kept for 3 h; after cooling to 50°, the slurry was diluted with 380 g of 99% isopropanol and neutralized to a pH of about 7.0 with a solution of acetic acid; the Cassia hydroxypropyl trimethylammonium chloride product was filtered, washed, air dried overnight and oven dried at 100° for 4 h to produce 179.3 of cationic Cassia; the final product has a nitrogen content of 2.18 weight% and a charge d. of 1.56 meq/g.
 AN 2009:20929 HCAPLUS <<LOGINID::20100715>>
 DN 150:105436
 TI Cationic Cassia polymers and hair fixative applications
 therefore
 IN Lepilleur, Carole A.; Rafferty, Denise W.; Zellia, Joseph A.; Fruscella, Jeffrey A.
 PA Lubrizol Advanced Materials, Inc., USA
 SO U.S. Pat. Appl. Publ., 25pp., Cont.-in-part of U.S. Ser. No. 843,920.
 CODEN: USXXCO
 DT Patent
 LA English

FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 20090010855	A1	20090108	US 2008-211494	20080916 <--
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	US 7262157	B2	20070828		
	US 20080004340	A1	20080103	US 2007-843920	20070823 <--
	US 7439214	B2	20081021		
	US 20090047227	A1	20090219	US 2008-254437	20081020 <--
	US 7704934	B2	20100427		
	JP 20090209155	A	20090917	JP 2009-147887	20090622 <--
	WO 2010033302	A1	20100325	WO 2009-US51894	20090728
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PRAI	US 2003-479793P	P	20030619	<--	
	US 2004-874296	A1	20040618		
	US 2007-843920	A2	20070823		
	JP 2006-517362	A3	20040618		
	US 2008-211494	A	20080916		

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

OSC.G 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD (1 CITINGS)

L9 ANSWER 3 OF 28 HCAPLUS COPYRIGHT 2010 ACS on STN

TI Personal care composition comprising particulate zinc material, pyrithione and cationic polymer, for treating microbial and fungal infections on skin or scalp such as dandruff

AB The present invention relates to a composition comprising a composition comprising

an effective amount of a particulate zinc material; an effective amount of a surfactant including a surfactant with an anionic functional group; an effective amount of a pyrithione or a polyvalent metal salt of a pyrithione; from about 0.025% to about 5% by weight of a water soluble or dispersible, cationic, non-crosslinked, conditioning homopolymer having a cationic charge d. of from about 2 meq/gm to about 10 meq/gm; and from about 20% to about 95% of an aqueous carrier, by weight of said composition More particularly, the

present invention relates to personal care compns. and methods of treating microbial and fungal infections on the skin or scalp. Even more particularly, the present invention relates to methods for the treatment of dandruff and compns., which provide improved antidandruff activity and improved conditioning. Thus, antimicrobial shampoo composition comprised (in wt%): sodium lauryl sulfate 2.0, decyl glucoside 10.0, cocamidopropylbetaine 2.0, cocamide MEA 0.80, cetyl alc. 0.80, HMM Maptac (Rhodia) 0.40, trihydroxystearin 0.25, zinc pyrithione 1.0, zinc hydroxysulfate 2.0, magnesium sulfate 0.28, sodium benzoate 0.25, benzyl alc. .0225, dimethicone 1.0, polymethylsilsequioxane 1.20, water and minors Q.S. to 100 %.

AN 2008:1045417 HCAPLUS <<LOGINID:20100715>>

DN 149:315697

TI Personal care composition comprising particulate zinc material, pyrithione and cationic polymer, for treating microbial and fungal infections on skin

or scalp such as dandruff

IN Schwartz, James Robert; Johnson, Eric Scott; King, Bonnie Theresa; Margraf, Carl Hinz; Tomos, Gregory V.; Warnke, David Thomas; Chang, Deborah W.; Dunlop, David Scott; Labitzke, Kevin M.; Murawski, Sandra Lou; Gore, William Jeffrey; Verbrugge, Theodore Jay; Brown, Mark Anthony; Coffindaffer, Timothy Woodrow; Asante, Afua Asiedua; Wells, Robert Lee; Manuel, Teresa Cuasay; Geary, Nicholas William; Asare, Martin

PA The Procter & Gamble Company, USA

SO U.S. Pat. Appl. Publ., 30pp., Cont.-in-part of U.S. Ser. No. 216,520.
CODEN: USXXCO

DT Patent

LA English

FAN.CNT 18

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 20080206355	A1	20080828	US 2007-890684	20070807 <--
	US 20030223951	A1	20031204	US 2003-454234	20030604 <--
	CA 2484973	A1	20031211	CA 2003-2484973	20030604 <--
	CA 2682799	A1	20031211	CA 2003-2682799	20030604 <--
	AU 2003273287	A1	20031219	AU 2003-273287	20030604 <--
	EP 1509192	A1	20050302	EP 2003-741870	20030604 <--
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	CN 1658824	A	20050824	CN 2003-812993	20030604 <--
	JP 2005529159	T	20050929	JP 2004-508768	20030604 <--
	US 20040223941	A1	20041111	US 2004-802166	20040317 <--
	CN 101199450	A	20080618	CN 2007-10199625	20040318 <--
	MX 2004011710	A	20050214	MX 2004-11710	20041125 <--
	US 20050202984	A1	20050915	US 2005-100648	20050407 <--
	US 20060024381	A1	20060202	US 2005-216520	20050831 <--
PRAI	US 2002-385794P	P	20020604	<--	
	US 2003-455963P	P	20030318	<--	
	US 2003-454234	B2	20030604	<--	
	US 2004-802166	A2	20040317		
	US 2005-100648	A2	20050407		
	US 2005-216520	A2	20050831		
	CA 2003-2484973	A3	20030604	<--	
	WO 2003-US17555	W	20030604	<--	
	CN 2004-80006595	A3	20040318		

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

L9 ANSWER 4 OF 28 HCAPLUS COPYRIGHT 2010 ACS on STN

TI Composition comprising a particulate zinc material, a pyrithione or a polyvalent metal salt of a pyrithione and a gel network

AB The present invention relates to a personal care composition for treatment of dandruff comprising (a) an effective amount of a particulate zinc material, (b) an effective amount of a detergent surfactant including a surfactant with an anionic functional group, (c) an effective amount of a pyrithione or a polyvalent metal salt of a pyrithione, (d) a dispersed gel network phase comprising (i) at least about 0.05% of one or more fatty amphiphiles, by weight of said shampoo composition, (ii) at least about 0.01% of one or more secondary surfactants, by weight of said shampoo composition, and (iii) water, and (e) at least about 20% of an aqueous carrier, by weight of said shampoo composition. Thus, a gel network premix was prepared containing Incromine BB 8.58, Varisoft BT-85 2.84, Kathon CG 0.03, and water 88.55%, resp. The gel network was then incorporated at 27.27% into a shampoo composition containing sodium laureth sulfate 10.00, sodium lauryl sulfate 6.00, EGDS 1.50, CMEA 0.80, cetyl alc. 0.60, guar hydroxypropyltrimonium chloride 0.50, dimethicone (Viscasil 330M) 0.85, zinc pyrithione (average particle size about 2.5 μ m) 1.00, zinc

hydroxysulfate 2.00, HCl 0.42, magnesium sulfate 0.28, sodium chloride 0.80, perfume 0.75, sodium benzoate 0.25, Kathon 0.0008, benzyl alc. 0.0225, and water to 100%, resp.

AN 2007:621347 HCAPLUS <<LOGINID:20100715>>

DN 147:57852

TI Composition comprising a particulate zinc material, a pyrrhione or a polyvalent metal salt of a pyrrhione and a gel network

IN Schwartz, James Robert; Johnson, Eric Scott; King, Bonnie Theresa; Margraf, Carl Hinz; Tormos, Gregory V.; Warnke, David Thomas; Chang, Debora W.; Dunlop, David Scott; Labitzke, Kevin M.; Murawski, Sandra Lou; Gore, William Jeffrey; Verbrugge, Theodore Jay; Elsner, Elizabeth Marie Marzonie; Hilvert, Jennifer Elaine; Jin, Yingkun; Hurley, Brian Michael; Manuel, Teresa Cuasay

PA The Procter & Gamble Co., USA

SO U.S. Pat. Appl. Publ., 31 pp., Cont.-in-part of U.S. Ser. No. 228,770.

CODEN: USXXCO

DT Patent

LA English

FAN.CNT 18

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 20070128147	A1	20070607	US 2006-602770	20061121 <--
	US 20030223952	A1	20031204	US 2003-454433	20030604 <--
	US 7303744	B2	20071204		
	CA 2484975	A1	20031211	CA 2003-2484975	20030604 <--
	CA 2484975	C	20100420		
	AU 2003273285	A1	20031219	AU 2003-273285	20030604 <--
	AU 2003273285	B2	20070125		
	EP 1509198	A1	20050302	EP 2003-741869	20030604 <--
	EP 1509198	B1	20100526		
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	CN 1658830	A	20050824	CN 2003-813033	20030604 <--
	CN 100531705	C	20090826		
	JP 2005534644	T	20051117	JP 2004-508776	20030604 <--
	AT 468887	T	20100615	AT 2003-741869	20030604 <--
	US 20040223941	A1	20041111	US 2004-802166	20040317 <--
	MX 2004011711	A	20050214	MX 2004-11711	20041125 <--
	US 20050202984	A1	20050915	US 2005-100648	20050407 <--
	US 20060024381	A1	20060202	US 2005-216520	20050831 <--
	US 20060024256	A1	20060202	US 2005-228770	20050916 <--
	AU 2007322173	A1	20080529	AU 2007-322173	20071112
	CA 2670121	A1	20080529	CA 2007-2670121	20071112
	WO 2008063471	A2	20080529	WO 2007-US23772	20071112
	WO 2008063471	A3	20080710		
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW				
	RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GO, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AP, EA, EP, OA				
	EP 2099417	A2	20090916	EP 2007-861952	20071112
	R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, MT, NL, PL, PT, RO, SE, SI, SK, TR				
	JP 2010510213	T	20100402	JP 2009-537177	20071112

	IN 2009DN02987	A	20090717	IN 2009-DN2987	20090505
	MX 2009005124	A	20090722	MX 2009-5124	20090513
	CN 101541296	A	20090923	CN 2007-80043202	20090521
PRAI	US 2002-385641P	P	20020604	<--	
	US 2003-454433	A2	20030604	<--	
	US 2004-802166	A2	20040317		
	US 2005-100648	A2	20050407		
	US 2005-216520	A2	20050831		
	US 2005-228770	A2	20050916		
	US 2003-455963P	P	20030318	<--	
	WO 2003-US17554	W	20030604	<--	
	US 2006-602770	A	20061121		
	WO 2007-US23772	W	20071112		

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT
OSC.G 4 THERE ARE 4 CAPLUS RECORDS THAT CITE THIS RECORD (4 CITINGS)

L9 ANSWER 5 OF 28 HCAPLUS COPYRIGHT 2010 ACS on STN
TI Shampoo containing a gel network and a non-guar
galactomannan polymer derivative
AB This invention relates to shampoo compns. comprise (a) from
about 5% to about 50% of one or more deterative surfactants; (b) a
dispersed gel network phase comprising: (i) at least about 0.05% of one or
more fatty amphiphiles; (ii) at least about 0.01% of one or more secondary
surfactants; and (iii) water; (c) at least about 0.05% of a
galactomannan polymer derivative with a net pos. charge and having a
mannose to galactose ratio of greater than 2:1 on a monomer to monomer
basis, wherein the galactomannan polymer derivative has: (i) a mol.
weight from about 1,000 to about 10,000,000; and (ii) a cationic charge d.
from about 0.7 meq/g to about 7 meq/g; and (d) at least about 20% of an
aqueous carrier; all by weight of the shampoo composition For example, a
gel network premix was prepared containing sorbitan tristearate 8.58%, Varisoft
BT-85 2.84%, Kathon CG 0.03% and water 88.55%.
AN 2006:1253454 HCAPLUS <<LOGINID::20100715>>
DN 146:32460
TI Shampoo containing a gel network and a non-guar
galactomannan polymer derivative
IN Johnson, Eric Scott; Hilvert, Jennifer Elaine; Heath, Benjamin Parker;
Cooper, Sarah Elizabeth
PA USA
SO U.S. Pat. Appl. Publ., 13pp., Cont.-in-part of U.S. Ser. No. 228,770.
CODEN: USXXCO
DT Patent
LA English
FAN.CNT 18

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 20060269502	A1	20061130	US 2006-475485	20060627 <--
	US 20030223952	A1	20031204	US 2003-454433	20030604 <--
	US 7303744	B2	20071204		
	CA 2484975	A1	20031211	CA 2003-2484975	20030604 <--
	CA 2484975	C	20100420		
	AU 2003273285	A1	20031219	AU 2003-273285	20030604 <--
	AU 2003273285	B2	20070125		
	EP 1509198	A1	20050302	EP 2003-741869	20030604 <--
	EP 1509198	B1	20100526		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
	CN 1658830	A	20050824	CN 2003-813033	20030604 <--
	CN 100531705	C	20090826		
	JP 2005534644	T	20051117	JP 2004-508776	20030604 <--
	AT 468887	T	20100615	AT 2003-741869	20030604 <--

	MX 2004011711	A	20050214	MX 2004-11711	20041125 <--
	US 20060024256	A1	20060202	US 2005-228770	20050916 <--
	US 20070110696	A1	20070517	US 2006-602525	20061121 <--
PRAI	US 2002-385641P	P	20020604	<--	
	US 2003-454433	A2	20030604	<--	
	US 2005-228770	A2	20050916		
	WO 2003-US17554	W	20030604	<--	
	US 2006-475485	A2	20060627		

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

L9 ANSWER 6 OF 28 HCAPLUS COPYRIGHT 2010 ACS ON STN

TI Shampoos containing polygalactomannan hydrocolloids and silicones

AB The present invention relates to a shampoo composition comprising a minced polygalactomannan hydrocolloid(s) in combination with a water soluble silicone. Thus, a shampoo composition contained cationic Cassia 0.025%.

AN 2005:527181 HCAPLUS <<LOGINID:20100715>>

DN 143:65103

TI Shampoos containing polygalactomannan hydrocolloids and silicones

IN Lepilleur, Carole A.; Fruscella, Jeffrey A.

PA USA

SO U.S. Pat. Appl. Publ., 58 pp., Cont.-in-part of U.S. Ser. No. 871,472. CODEN: USXXCO

DT Patent

LA English

FAN.CNT 4

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 20050129643	A1	20050616	US 2004-14424	20041216 <--
	US 20050075497	A1	20050407	US 2004-871472	20040619 <--
	WO 2006065469	A1	20060622	WO 2005-US42285	20051122
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
	RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	EP 1841402	A1	20071010	EP 2005-851991	20051122
	EP 1841402	B1	20090422		
	R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR				
	CN 101080214	A	20071128	CN 2005-80042904	20051122
	JP 2008524216	T	20080710	JP 2007-546688	20051122
	AT 429208	T	20090515	AT 2005-851991	20051122
	ES 2324677	T3	20090812	ES 2005-851991	20051122
	BR 2005019046	A2	20090818	BR 2005-19046	20051122
	IN 2007DN02804	A	20070817	IN 2007-DN2804	20070416
	MX 2007007213	A	20071106	MX 2007-7213	20070614
	KR 2007095336	A	20070928	KR 2007-716343	20070716
	US 20090137438	A1	20090528	US 2009-350590	20090108
	US 20090318571	A1	20091224	US 2009-482858	20090611 <--
PRAI	EP 2003-13933	A	20030620	<--	
	US 2004-871472	A2	20040619		
	US 2004-14424	A	20041216		
	WO 2005-US42285	W	20051122		

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT
OSC.G 7 THERE ARE 7 CAPLUS RECORDS THAT CITE THIS RECORD (8 CITINGS)

L9 ANSWER 7 OF 28 HCAPLUS COPYRIGHT 2010 ACS on STN
TI Hydrocolloids and process therefor
AB The present invention relates to substantially pure hydrocolloids and
derivs. thereof, a method of their production, compns. comprising them and
their use as gelling and thickening agents for aqueous systems, for instance,
in the area of food, fodder, cosmetic and pharmaceutical compns.
Typical hydrocolloids are selected from tamarid, fenugreek, cassia,
locust bean, tara, and algal hydrocolloids such as
carrageenan and alginates. The hydrocolloids obtainable by the method of
the invention are colorless, odorless and tasteless and they exhibit
improved performance properties such as viscosity properties as well as
gel strength and break strength.
AN 2005:471822 HCAPLUS <<LOGINID:20100715>>
DN 143:9412
TI Hydrocolloids and process therefor
IN Utz, Ferdinand; Malek, Gabriel
PA Germany
SO U.S. Pat. Appl. Publ., 53 pp., Cont.-in-part of U.S. Ser. No. 871,472.
CODEN: USXXCO
DT Patent
LA English
FAN.CNT 4

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 20050118130	A1	20050602	US 2004-7151	20041208 <--
	US 20050075497	A1	20050407	US 2004-871472	20040619 <--
	WO 2006062792	A2	20060615	WO 2005-US43363	20051122
	WO 2006062792	A3	20060727		
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
	RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	US 20090318571	A1	20091224	US 2009-482858	20090611 <--
PRAI	EP 2003-13933	A	20030620	<--	
	US 2004-871472	A2	20040619		
	US 2004-7151	A	20041208		

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT
OSC.G 2 THERE ARE 2 CAPLUS RECORDS THAT CITE THIS RECORD (2 CITINGS)

L9 ANSWER 8 OF 28 HCAPLUS COPYRIGHT 2010 ACS on STN
TI Baby care skin protectant compositions containing zeolites for diaper rash
AB The present invention provides a comprehensive solution to skin problems of
infants and incontinent adults related to diaper rash, also known as
diaper dermatitis. This is based on certain novel divalent metal and
quaternary ammonium complexes (ion-pairs) of zeolites (that are made by an
in-situ process), which in synergistic combination with certain other
compns., provide a comprehensive treatment for diaper rash. The treatment
encompasses the following aspects: (1) deactivation of lipase and protease
enzymes on skin surface, (2) the controlled-release delivery of skin
protectant compns., such as divalent metal zinc cation, (3) trapping of

acidic and alkaline chems. deposited on skin from body exudates and enzyme activity, (4) controlled-release delivery of anti-inflammatory agents, and cyclooxygenase (COX) and lipoxygenase (LOX) enzyme inhibitors, (5) controlled-release delivery of antibacterial and antifungal compns., and (6) absorption of excess moisture in the diaper zone. For example, to a clear solution obtained by mixing 1.36 parts of zinc chloride and 78.64 parts of glycerin, 20.0 parts of zeolite type 4A was added. The mixture contained zinc zeolite (100% zeolite exchanged), made by the in-situ ion-pair exchange.

AN 2005:238420 HCAPLUS <<LOGINID:20100715>>

DN 142:322334

TI Baby care skin protectant compositions containing zeolites for diaper rash

IN Gupta, Shyam K.

PA Bioderm Research, USA

SO U.S. Pat. Appl. Publ., 12 pp.

CODEN: USXXCO

DT Patent

LA English

FAN.CNT 13

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 20050058672	A1	20050317	US 2003-605191	20030914 <--
	US 20070237834	A1	20071011	US 2007-760466	20070608 <--
PRAI	US 2003-418495	A2	20030418	<--	
	US 2003-605191	A2	20030914	<--	
OSC.G	5	THERE ARE 5 CAPLUS RECORDS THAT CITE THIS RECORD (5 CITINGS)			

L9 ANSWER 9 OF 28 HCAPLUS COPYRIGHT 2010 ACS on STN

TI Galactomannan hydrocolloids and derivatives for thickening and gelling applications

AB The present invention relates to substantially pure hydrocolloids and derivs. thereof, a novel method of making said hydrocolloids, compns. comprising said hydrocolloids, and using said hydrocolloids as a gelling and thickening agent for aqueous systems, for instance, in the area of food, fodder, cosmetic and pharmaceutical compns. Typical hydrocolloids are selected from tamarind, fenugreek, cassia, locust bean, tara and guar. The hydrocolloids obtainable by the method of the invention are colorless, odorless and tasteless and they exhibit improved performance properties such as viscosity properties as well as gel strength and break strength.

AN 2004:1154730 HCAPLUS <<LOGINID:20100715>>

DN 142:96248

TI Galactomannan hydrocolloids and derivatives for thickening and gelling applications

IN Utz, Ferdinand; Malek, Gabriel; Lepilleur, Carole A.; Fruscella, Jeffrey A.; Zellia, Joseph A.; Skeens, Michael H.

PA Noveon Ip Holdings Corp., USA

SO PCT Int. Appl., 142 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 4

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2004113390	A1	20041229	WO 2004-US19585	20040619 <--
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LG, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				

RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM,
 AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK,
 EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE,
 SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE,
 SN, TD, TG

EP 1639018 A1 20060329 EP 2004-755630 20040619 <--
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
 IE, SI, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK

CN 1809593 A 20060726 CN 2004-80017319 20040619 <--
 BR 2004011670 A 20060808 BR 2004-11670 20040619 <--
 JP 2007536385 T 20071213 JP 2006-517427 20040619 <--
 IN 2005DN05598 A 20070824 IN 2005-DN5598 20051202 <--

PRAI EP 2003-13933 A 20030620 <--
 WO 2004-US19585 W 20040619

OSC.G 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD (1 CITINGS)
 RE.CNT 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 10 OF 28 HCAPLUS COPYRIGHT 2010 ACS on STN
 TI Cation-modified galactomannan polysaccharide and
 cosmetic composition containing the same

AB Disclosed a cation-modified galactomannan polysaccharide that
 when mixed in a hair treatment composition, realizes excellent
 conditioning effect and, after drying, moist nice feel and flexibility,
 and that when mixed in a skin cosmetic composition such as body soap,
 realizes conditioning effect and, due to emulsification performance,
 enhanced feeling after use. In particular, a cation-modified
 galactomannan polysaccharide obtained by providing a
 galactomannan polysaccharide being a nonionic polysaccharide
 comprising a main chain of mannose constituent units having side chains of
 galactose units wherein the ratio of mannose and galactose contained is
 1:1, the polysaccharide produced from the albumen portion of seeds of
 leguminous plant fenugreek (*Trigonella foenum-graecum*); and introducing a
 specified quaternary nitrogenous group at some of the hydroxyls contained
 in the galactomannan polysaccharide. There is further provided
 a cosmetic composition containing the cation-modified
 galactomannan polysaccharide. Thus, fenugreek germ powder solution
 was reacted with glycidyltrimethylammonium chloride to obtain a cationic
 galactomannan polysaccharide. The obtained cationic
 galactomannan polysaccharide was combined at 0.7 % with cationic
 water-soluble polymer (Catalin HC-100) 0.4, sodium polyoxyethylenelauryl ether
 sulfate 9, coco fatty acid amidopropylbetaine 4.5, coco fatty acid
 monoethanolamide 2.5, sodium edetate 0.1, sodium benzoate 0.1, citric acid
 q.s., to pH 5.5-6, and water balance to 100 % to make a shampoo
 composition

AN 2004:996224 HCAPLUS <<LOGINID:20100715>>
 DN 141:415606

TI Cation-modified galactomannan polysaccharide and
 cosmetic composition containing the same

IN Takeda, Hiromitsu; Mori, Yoshihiko
 PA Toho Chemical Industry Co., Ltd., Japan
 SO PCT Int. Appl., 65 pp.
 CODEN: PIXXD2

DT Patent
 LA Japanese

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2004099258	A1	20041118	WO 2004-JP6512	20040507 <--
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD,			

GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,
 LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI,
 NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY,
 TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
 RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM,
 AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK,
 EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE,
 SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE,
 SN, TD, TG

EP 1630176 A1 20060301 EP 2004-731763 20040507 <--
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
 IE, SI, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK
 CN 1777623 A 20060524 CN 2004-80010882 20040507 <--
 CN 101129306 A 20080227 CN 2007-10141629 20040507 <--
 US 20060275235 A1 20061207 US 2005-554874 20051031 <--
 IN 2005DN05061 A 20071012 IN 2005-DN5061 20051107 <--
 IN 239683 A1 20100409
 PRAI JP 2003-167131 A 20030509 <--
 CN 2004-80010882 A3 20040507
 WO 2004-JP6512 W 20040507

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT
 OSC.G 2 THERE ARE 2 CAPLUS RECORDS THAT CITE THIS RECORD (2 CITINGS)
 RE.CNT 11 THERE ARE 11 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 11 OF 28 HCAPLUS COPYRIGHT 2010 ACS on STN

TI Formulations designed to be applied on keratinous material and to be rinsed

AB The invention concerns a formulation designed to be applied on keratinous material such as the skin, the hair, and to be rinsed with an aqueous rinsing medium in the form of a stable dispersion for a pH ranging between 3 and 5.5, and comprising at least one active substance, a vector agent consisting of at least one organic polymer capable of bringing said active substance to the surface of the keratinous material during the rinsing process, and optionally at least one salt soluble in the formulation. The active substance, whether or not in liquid form, has in the medium of the formulation, a global cationic or zero charge. It is insol. in the formulation medium and stabilized by means of a cationic surfactant. Finally, it remains insol. or tends to swell in the rinsing medium. The vector agent, soluble or dispersible in the formulation medium and in the rinsing medium, has in the formulation medium a zero global ionic or cationic charge. Moreover, it is capable of developing at the pH of the rinsing process in the rinsing medium anionic charges in sufficient number to destabilize the active substance in the rinsing medium. The invention also concerns methods for treating keratinous material using said formulation, as well as the use of a vector agent consisting of at least an organic polymer in the formulation as agent capable of bringing the active matter to the surface of the keratinous matter during the rinsing process. A dispersion of 28% polybutylacrylate mol. weight 500,000 was prepared having particle size 35 nm and the pH was adjusted to 4. Then, 20 mL of the dispersion was added to 1 mL of water to obtain a mixture which was stable for many hours and no ppts. was formed.

AN 2004:220175 HCAPLUS <<LOGINID:20100715>>

DN 140:275714

TI Formulations designed to be applied on keratinous material and to be rinsed

IN Anthony, Olivier; Geffroy, Cedric

PA Rhodia Chimie, Fr.

SO PCT Int. Appl., 59 pp.

CODEN: PIXXD2

DT Patent

LA French
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2004022014	A1	20040318	WO 2003-FR2579	20030826 <--
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
	RW:	GM, KE, LS, MW, MZ, SD, SL, SZ, TG, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
	AU 2003274286	A1	20040329	AU 2003-274286	20030826 <--
	EP 1553917	A1	20050720	EP 2003-758274	20030826 <--
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK			
	JP 2006504685	T	20060209	JP 2004-533556	20030826 <--
	US 20060107469	A1	20060525	US 2006-527071	20060111 <--
PRAI	US 2002-409352P	P	20020909	<--	
	WO 2003-FR2579	W	20030826	<--	

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT
RE.CNT 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 12 OF 28 HCAPLUS COPYRIGHT 2010 ACS on STN
TI Cosmetic use of a polymer comprising LCST units
AB The invention concerns the cosmetic use, in a composition comprising a physiolo. acceptable medium, as an agent for matifying the skin and/or for concealing blemishes and/or for camouflaging pores, of at least one hydrosol. or hydrodispersible polymer comprising hydrosol. or hydrodispersible units and LCST units, the said LCST units having, in water, a demixing temperature (or cloud point) of 5°C to 40°C at a concentration by weight of 1%, the said composition being free of any other compound having an optical effect selected from fillers, ,nacles, pigments, matifying polymers and tightening agents. The invention also concerns the use, in the cosmetic treatment for greasy or combination skin, of a composition containing the said polymer in a physiolo. acceptable medium, excluding any other compound having an optical effect. A matifying cream was prepared containing an aqueous phase comprising Na polyacrylate carrying grafts of Jeffamine M-2005, glycerin, preservatives, EDTA, and demineralized water and an oily phase containing stearyl alc., Cosmacol PSE, Arlacial 165, cyclohexadimethylsiloxane, and preservative.

AN 2004:60274 HCAPLUS <<LOGINID::20100715>>
DN 140:116974
TI Cosmetic use of a polymer comprising LCST units
IN Chevalier, Veronique; Lalloret, Florence
PA L'Oreal, Fr.
SO PCT Int. Appl., 54 pp.
CODEN: PIXXD2
DT Patent
LA English

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2004006872	A1	20040122	WO 2003-EP8484	20030715 <--
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,			

CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,
GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,
LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH,
PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ,
UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY,
KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES,
FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR,
BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

FR 2842415 A1 20040123 FR 2002-8974 20020716 <--
FR 2842415 B1 20050429
AU 2003250199 A1 20040202 AU 2003-250199 20030715 <--
PRAI FR 2002-8974 A 20020716 <--
US 2002-399445P P 20020731 <--
WO 2003-EP8484 W 20030715 <--

OSC.G 2 THERE ARE 2 CAPLUS RECORDS THAT CITE THIS RECORD (2 CITINGS)
RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 13 OF 28 HCAPLUS COPYRIGHT 2010 ACS on STN
TI Cosmetic compositions comprising a quaternary silicone, a
cationic surfactant and 2 cationic polymers
AB A cosmetic composition contains a quaternary silicone, a cationic
surfactant and 2 cationic polymers. The composition further comprises a
thickening agent, e.g., a nonionic polymer and can be used for the
treatment of hair. Thus, a hair composition contained
Denyquart A 0.8, Abil Quat-3272 0.5, Jaguar HP105 0.4, JR400 0.5, Luviquat
care 0.57, Cellosize Polymer PCG-10 0.3, glycerin 5, Tween-20 0.4, perfume
and preservatives qs, and water qs to 100 g.
AN 2004:17394 HCAPLUS <<LOGINID::20100715>>
DN 140:99259
TI Cosmetic compositions comprising a quaternary silicone, a
cationic surfactant and 2 cationic polymers
IN Decoster, Sandrine; Cazin, Benedicte
PA L'Oreal, Fr.
SO Eur. Pat. Appl., 29 pp.
CODEN: EPXXDW
DT Patent
LA French
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1378227	A1	20040107	EP 2003-291386	20030611 <--
EP 1378227	B1	20070117		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
FR 2841467	A1	20040102	FR 2002-8142	20020628 <--
FR 2841467	B1	20060120		
ES 2280706	T3	20070916	ES 2003-291386	20030611 <--
BR 2003002227	A	20040908	BR 2003-2227	20030627 <--
MX 2003005919	A	20050214	MX 2003-5919	20030627 <--
JP 2004035557	A	20040205	JP 2003-189007	20030630 <--
US 20040120914	A1	20040624	US 2003-608264	20030630 <--
PRAI FR 2002-8142	A	20020628	<--	
US 2002-393832P	P	20020708	<--	

OS MARPAT 140:99259
OSC.G 9 THERE ARE 9 CAPLUS RECORDS THAT CITE THIS RECORD (9 CITINGS)
RE.CNT 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 14 OF 28 HCAPLUS COPYRIGHT 2010 ACS on STN

TI Cosmetic compositions comprising a quaternary silicone and a liquid fatty alcohol

AB A cosmetic composition contains a quaternary silicone and a liquid fatty alc. The invention refers to a method for the treatment of hair by using the above composition The composition is transparent and has a paste-like structure. Thus, a hair composition contained Dehyquart A 0.8, Abil Quat-3272 0.5, oleyl alc. 0.25, Jaguar HP105 0.4, JR400 0.5, Luviquat care 0.57, Cellosize Polymer PCG-10 0.3, glycerin 5, citric acid 0.5 perfume and preservatives qs, and water qs to 100 g.

AN 2004:17393 HCAPLUS <<LOGINID:20100715>>

DN 140:99270

TI Cosmetic compositions comprising a quaternary silicone and a liquid fatty alcohol

IN Decoster, Sandrine; Cazin, Benedicte

PA L'Oreal, Fr.

SO Eur. Pat. Appl., 32 pp.

CODEN: EPXXDW

DT Patent

LA French

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 1378226	A1	20040107	EP 2003-10977	20030516 <--
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
	FR 2841466	A1	20040102	FR 2002-8143	20020628 <--
	FR 2841466	B1	20051230		
	US 20040131576	A1	20040708	US 2003-606786	20030627 <--
	US 7740873	B2	20100622		
	JP 2004035556	A	20040205	JP 2003-189006	20030630 <--
PRAI	FR 2002-8143	A	20020628	<--	
	US 2002-393831P	P	20020708	<--	

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

OS MARPAT 140:99270

OSC.G 2 THERE ARE 2 CAPLUS RECORDS THAT CITE THIS RECORD (2 CITINGS)

RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD

ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 15 OF 28 HCAPLUS COPYRIGHT 2010 ACS on STN

TI Lower critical solution temperature-unit water-soluble or -dispersible polymers as skin smoothing agents in antiwrinkle cosmetic compositions

AB Water-soluble or hydrodispersible polymers comprising water-soluble or hydrodispersible units and lower critical solution temperature-units (LCST), the units

having in water a decomposition temperature 5-40° at 1% are useful as smoothing agents in antiwrinkle cosmetic or dermatol. compns. Thus, an antiwrinkle composition contained N-isopropylacrylamide-sodium acrylate graft copolymer 1.75, glycerin 1, preservative 0.2, and water 96.85 g.

AN 2003:820193 HCAPLUS <<LOGINID:20100715>>

DN 139:327949

TI Lower critical solution temperature-unit water-soluble or -dispersible polymers as skin smoothing agents in antiwrinkle cosmetic compositions

IN L'Alloret, Florence

PA L'Oreal, Fr.

SO Fr. Demande, 56 pp.

CODEN: FRXXBL

DT Patent

LA French

FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	FR 2838345	A1	20031017	FR 2002-4613	20020412 <--
	WO 2003086342	A1	20031023	WO 2003-IB1308	20030404 <--
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
	AU 2003216593	A1	20031027	AU 2003-216593	20030404 <--
PRAI	FR 2002-4613	A	20020412	<--	
	US 2002-374839P	P	20020424	<--	
	WO 2003-IB1308	W	20030404	<--	
OSC.G	1	THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD (1 CITINGS)			
RE.CNT	14	THERE ARE 14 CITED REFERENCES AVAILABLE FOR THIS RECORD			
		ALL CITATIONS AVAILABLE IN THE RE FORMAT			

L9 ANSWER 16 OF 28 HCAPLUS COPYRIGHT 2010 ACS on STN

TI Shampoos containing behenyl alcohol and anionic compounds

AB A pearlized cleansing composition for personal care comprising 4.00-30.00 weight%

an anionic material selected from the group consisting of water-soluble lipophilic sulfates and sulfonates (C8-22), 0.25-4.0% behenyl alc., and water. Thus, a composition contained ammonium lauryl sulfate 5.00, cocoamidopropyl betaine 2.00, Polyquaternium-6 0.20, fragrance 1.50, behenyl alc. 1.00, dimethicone 0.25, viscosity modifier 1.00, and water 86.95%.

AN 2002:964153 HCAPLUS <<LOGINID:20100715>>

DN 138:44424

TI Shampoos containing behenyl alcohol and anionic compounds

IN Patel, Amrit; Babecki, Raymond; Desai, Saurabh

PA Colgate-Palmolive Company, USA

SO PCT Int. Appl., 46 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002100362	A2	20021219	WO 2002-US18332	20020606 <--
	WO 2002100362	A3	20030327		
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZM, ZW			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
	US 20030130145	A1	20030710	US 2001-878805	20010611 <--
	US 6608011	B2	20030819		
	AU 2002312433	A1	20021223	AU 2002-312433	20020606 <--
	EP 1395235	A2	20040310	EP 2002-739803	20020606 <--

EP 1395235 B1 20070228
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
 IE, SI, LT, LV, FI, RO, MK, CY, AL, TR
 BR 2002010322 A 20040713 BR 2002-10322 20020606 <--
 CN 1541085 A 20041027 CN 2002-815602 20020606 <--
 CN 1303965 C 20070314
 AT 355358 T 20060315 AT 2002-739803 20020606 <--
 EG 23287 A 20041031 EG 2002-628 20020609 <--
 MX 2003011527 A 20040318 MX 2003-11527 20031211 <--
 ZA 2004000100 A 20050107 ZA 2004-100 20040107 <--
 HK 1064052 A1 20070608 HK 2004-106902 20040910 <--
 PRAI US 2001-878805 A 20010611 <--
 WO 2002-US18332 W 20020606 <--

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT
 OS MARPAT 138:44424

OSC.G 3 THERE ARE 3 CAPLUS RECORDS THAT CITE THIS RECORD (3 CITINGS)
 RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 17 OF 28 HCAPLUS COPYRIGHT 2010 ACS on STN

TI Cosmetic compositions containing water-soluble polymer complexes

AB A composition for treating a keratin-based substrate that includes a
 cosmetically acceptable medium containing a water-soluble interjacent complex.
 The water-soluble interjacent complex includes a first water-soluble polymer

and

a second water-soluble polymer formed by polymerizing one or more water-soluble
 monomers in the presence of the first water-soluble polymer. The water-soluble
 interjacent complex is characterized in that it forms a solution in water
 that is free of insol. polymer particles. The water-soluble interjacent
 complex is used in a method of treating a keratin based substrate, whereby
 a cosmetically acceptable medium is applied to the substrate and contains
 from 0.1-20 % by weight of the water-soluble interjacent complex. Thus, a
 composition contained Polyquaternium-7 (WSPQ 7) 237.7 diallyldimethylammonium
 chloride (DADMAC) 1076.9, sodium EDTA 0.75, sodium persulfate 4.1, and
 water 435.1 g. After polymn, the solution obtained contained 39.7%
 poly(DADMAC) and 2.7% Polyquaternium-7. A 5 weight% aqueous solution of the

complex

between the 2 polymers was obtained. A shampoo contained the
 above polymer.

AN 2002:813881 HCAPLUS <<LOGINID:20100715>>

DN 137:329267

TI Cosmetic compositions containing water-soluble polymer complexes

IN Chen, Shih-Ruey Thomas; Devito, Valentino L.; Frederick, Kevin W.

PA Clearwater, Inc., USA; WSP Chemical & Technology LLC

SO PCT Int. Appl., 71 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 4

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002083073	A2	20021024	WO 2002-US11713	20020415 <--
WO 2002083073	A3	20030515		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR,				

	BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
AU	2002252663	A1	20021028	AU	2002-252663
US	20020188040	A1	20021212	US	2002-122764
US	7001953	B2	20060221		
US	20030008779	A1	20030109	US	2002-122869
US	7087556	B2	20060808		
US	20030064044	A1	20030403	US	2002-122750
US	6939536	B2	20050906		
US	20030083204	A1	20030501	US	2002-122671
US	6767867	B2	20040727		
US	20050183837	A1	20050825	US	2005-87097
US	7514007	B2	20090407		
US	20060002879	A1	20060105	US	2005-200514
US	7754794	B2	20100713		
US	20090188639	A1	20090730	US	2009-418659
PRAI	US 2001-284043P	F	20010416	<--	
	US 2002-122750	A3	20020415	<--	
	US 2002-122764	A3	20020415	<--	
	WO 2002-US11713	W	20020415	<--	
	US 2005-87097	A3	20050322		

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT
 OSC.G 36 THERE ARE 36 CAPLUS RECORDS THAT CITE THIS RECORD (53 CITINGS)
 RE.CNT 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 18 OF 28 HCAPLUS COPYRIGHT 2010 ACS on STN
 TI Cosmetic compositions with optical property containing polymers
 with units having a lower critical solution temperature in water
 AB The invention concerns a cosmetic composition comprising an aqueous
 phase, said aqueous phase including at least a compound with optical property
 selected in particular among fillers, pigments, mother-of-pearls,
 tightening agents, matting agents and their mixts., and a polymer
 including water-soluble units and units having in water a lower critical
 solution
 temperature (LCST), the solution temperature by heating in aqueous solution of
 said units at
 LCST ranging between 5 and 40 °C for a mass concentration in water of 1 to
 25 % of said units. The invention also concerns the use of said polymers
 to suppress or reduce the surface bonding power and maintain the stability
 of a film obtained from a composition with optical property containing them.

The
 inventive compns. with optical property can be in the form of emulsions or
 dispersions and are compns. essentially for topical use and in particular
 cosmetic or pharmaceutical. A crosslinked polyacrylic acid having
 LCST unit in polymer of 51% and crosslinking of 3.9% was prepared. A mascara
 contained bees wax 10, carnauba wax 10, stearic acid 5.6, triethanolamine
 31., pigments 5, above polymer 6, and water q.s. 60.3%.

AN 2002:539506 HCAPLUS <<LOGINID:20100715>>
 DN 137:98662

TI Cosmetic compositions with optical property containing polymers
 with units having a lower critical solution temperature in water

IN Mamane, Maurice
 PA L'Oreal, Fr.; L'alloret, Florence
 SO PCT Int. Appl., 62 pp.
 CODEN: PIXXD2

DT Patent
 LA French
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002055051	A1	20020718	WO 2002-FR122	20020114 <--

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW

RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

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FR 2819397 B1 20030307
AU 2002233408 A1 20020724 AU 2002-233408 20020114 <--
EP 1355625 A1 20031029 EP 2002-700319 20020114 <--
EP 1355625 B1 20061115

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR

JP 2004520339 T 20040708 JP 2002-555787 20020114 <--
ES 2274955 T3 20070601 ES 2002-700319 20020114 <--
US 20020187173 A1 20021212 US 2002-70911 20020313 <--
PRAI FR 2001-481 A 20010115 <--
WO 2002-FR122 W 20020114 <--

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT
OSC.G 7 THERE ARE 7 CAPLUS RECORDS THAT CITE THIS RECORD (7 CITINGS)
RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 19 OF 28 HCAPLUS COPYRIGHT 2010 ACS on STN
TI Compositions useful for regulating hair growth containing metal complexes of oxidized carbohydrates

AB A stable cosmetic, dermatol., or pharmaceutical composition comprising: (a) about 0.001-99.9%, by weight, of at least one metal complex of an oxidized carbohydrate, wherein the metal complex of an oxidized carbohydrate is neither zinc gluconate, manganese gluconate, nor lithium gluconate; and (b) about 0.1-99.999%, by weight, of a vehicle, wherein the vehicle comprises at least about 5%, by weight of the composition, of propylene glycol. The composition is administered orally, parenterally or topically. For example, a topical composition was prepared containing zinc lactobionate

5.0%,
zinc gluconate 3.0%, minoxidil 2.5%, propylene glycol 8.0%, dimethylisobornide 19.0%, and ethanol and minors up to 100%.

AN 2002:89809 HCAPLUS <<LOGINID::20100715>>
DN 136:139844
TI Compositions useful for regulating hair growth containing metal complexes of oxidized carbohydrates
IN Gardlik, John Michael; Severynse-Stevens, Diana; Comstock, Bryan Gabriel
PA The Procter & Gamble Company, USA
SO PCT Int. Appl., 47 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2002007700	A2	20020131	WO 2001-US23425	20010725 <--
WO 2002007700	A3	20020829		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW

RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AM, AZ, BY, KG,
KZ, MD, RU, TJ, TM, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR,
IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN,
GQ, GW, ML, MR, NE, SN, TD, TG

US 20020119174 A1 20020829 US 2001-909440 20010719 <--
PRAI US 2000-220756P P 20000726 <--

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT
OSC.G 6 THERE ARE 6 CAPLUS RECORDS THAT CITE THIS RECORD (6 CITINGS)
RE.CNT 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 20 OF 28 HCAPLUS COPYRIGHT 2010 ACS on STN
TI Method of regulating hair growth using metal complexes of
oxidized carbohydrates
AB A method for regulating the growth of hair comprising
administering to a mammal, an effective amount of a composition comprising: (a)
about 0.001-99.9%, by weight, of at least one metal complex of an oxidized
carbohydrate, wherein the metal complex of an oxidized carbohydrate is
neither zinc gluconate nor manganese gluconate; and (b) about 0.1-99.999%,
by weight, of a vehicle. The composition is administered orally,
parenterally, or
topically. For example, a topical composition contained zinc lactobionate
5.0%, zinc gluconate 1.0%, zinc pyrithione 1.0%, Tween 20 1.0%, propylene
glycol 10.0%, dimethylisobutyl 18.0%, EtOH 30.0%, and water and minors
up to 100%. Also, tablets were prepared containing zinc lactobionate 100 mg,
Crospovidone 15 mg, lactose 200 mg, microcryst. cellulose 80 mg, and
magnesium stearate 5 mg.

AN 2002:89795 HCAPLUS <<LOGINID::20100715>>
DN 136:139843

TI Method of regulating hair growth using metal complexes of
oxidized carbohydrates
IN Gardlik, John Michael; Severynse-Stevens, Diana; Comstock, Bryan Gabriel
PA The Procter & Gamble Company, USA
SO PCT Int. Appl., 46 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002007685	A2	20020131	WO 2001-US23424	20010725 <--
WO 2002007685	A3	20020829		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
US 20020035070	A1	20020321	US 2001-909441	20010719 <--
AU 2001080779	A	20020205	AU 2001-80779	20010725 <--
PRAI US 2000-220755P	P	20000726	<--	
WO 2001-US23424	W	20010725	<--	

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT
OSC.G 4 THERE ARE 4 CAPLUS RECORDS THAT CITE THIS RECORD (4 CITINGS)
RE.CNT 10 THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 21 OF 28 HCAPLUS COPYRIGHT 2010 ACS on STN
 TI Base compositions for surfactant-free pharmaceuticals and cosmetics
 AB A base composition when mixed with one or more dispersions of hydrophobic ingredients, and in particular cationic dispersions, forms a highly stable composition which is substantially free of aggregates and in which the water and hydrophobic ingredients in the composition do not readily sep. The compns. formed may be topically, orally, nasally, anally, ophthalmically, or vaginally applied to humans. The base composition comprises a phosphorylated starch derivative, 1 or more co-thickening agents, such as carbomer and acrylate/alkyl acrylate crosslinked polymers and water. The method comprises mixing the base composition of the present invention, and at least one dispersion comprising suspended particles of a hydrophobic active agent, a hydrophobic adjuvant, or a combination. The composition prepared is substantially free of emulsifying surfactants and the suspended particles have a diameter <500 nm. Mixing may be performed with a propeller mixer or manually, i.e., by hand. Preferably, the base composition is premanufd. Since the composition is simple and quick to prepare, custom cosmetic compns. may be prepared at the point of sale for customers in minutes. Prior to the present invention, such products would take hours to be prepared. Thus, a base composition contained Structure Zea 3.00, Germazide MPB 1.50, Pemulen TR2 0.75, 2% aqueous solution of Carbopol-940 3.00, triethanolamine 0.85 parts by weight

AN 2001:713178 HCAPLUS <<LOGINID:20100715>>

DN 135:278017

TI Base compositions for surfactant-free pharmaceuticals and cosmetics

IN Wilmott, James M.; Crawford, Timothy K.; Coleman, Todd

PA Collaborative Technologies, Inc., USA

SO PCT Int. Appl., 40 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001070270	A2	20010927	WO 2001-US9271	20010323 <--
	WO 2001070270	A3	20020131		
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
PRAI	US 2000-191507P	P	20000323	<--	
	US 2000-216838P	P	20000707	<--	
OSC.G	6	THERE ARE 6 CAPLUS RECORDS THAT CITE THIS RECORD (6 CITINGS)			
RE.CNT	4	THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD			
		ALL CITATIONS AVAILABLE IN THE RE FORMAT			

L9 ANSWER 22 OF 28 HCAPLUS COPYRIGHT 2010 ACS on STN

TI Hair styling compositions containing polymers

AB The composition comprises: <1.5% 1 or more holding polymers, 1 or more saccharides having monomeric units >2, and a carrier. Thus, a formulation contained hydroxyethyl cellulose 0.125, Polymer-1189 [1-vinyl-2-pyrrolidone/vinylcaprolactam-3-(N-dimethylaminopropyl)methacrylamide] copolymer 3.125 and water qs to 100%. The effect of the formulation on the hair curl retention was determined

AN 2001:693795 HCAPLUS <<LOGINID:20100715>>

DN 135:262004

TI Hair styling compositions containing polymers
 IN Brandt, Lorelei Marie; Neill, Paul Howard; Wydila, John Edward
 PA Unilever Home & Personal Care Usa, Division of Conopco, Inc., USA
 SO U.S. Pat. Appl. Publ., 9 pp., Cont. of U.S. Ser. No. 275,149.
 CODEN: USXXCO

DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 20010022967	A1	20010920	US 2001-826498	20010404 <--
	US 7179451	B2	20070220		
	CA 2300491	A1	20000924	CA 2000-2300491	20000313 <--
	CA 2300491	C	20091215		
	MX 2000002882	A	20020308	MX 2000-2882	20000323 <--

PRAI US 1999-275149 A1 19990324 <--
 RE.CNT 14 THERE ARE 14 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 23 OF 28 HCAPLUS COPYRIGHT 2010 ACS on STN
 TI Hair washing composition based on a detergent surfactant, a
 cationic galactomannan gum, and an acrylic terpolymer
 AB A hair washing composition based on a detergent surfactant, a
 cationic galactomannan gum and an acrylic terpolymer is
 disclosed. A shampoo contained propylene glycol 0.1, 30%
 cocoacyl betaine 8, Jaguar C 13S 0.05, polydimethylsiloxane 2.7, a mixture
 of cetyl alc. and 2-(hexadecyloxy)-2-octadecanol 2.5, fragrance 0.5, copra
 acid monoisopropanolamide 0.5, 70% ethoxylated sodium lauryl ether sulfate
 22, Structure plus (an acrylate terpolymer) 1, citric acid 0.05,
 preservative q.s., and water q.s. 100 g.
 AN 2001:246509 HCAPLUS <<LOGINID:20100715>>
 DN 134:256603

TI Hair washing composition based on a detergent surfactant, a
 cationic galactomannan gum, and an acrylic terpolymer
 IN Maurin, Veronique; Beauquey, Bernard
 PA L'Oreal, Fr.
 SO Eur. Pat. Appl., 14 pp.
 CODEN: EPXXDW

DT Patent
 LA French
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 1088542	A1	20010404	EP 2000-402662	20000926 <--
	EP 1088542	B1	20020710		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
	FR 2798850	A1	20010330	FR 1999-12168	19990929 <--
	FR 2798850	B1	20030530		
	CN 1290519	A	20010411	CN 2000-124949	20000926 <--
	AT 220316	T	20020715	AT 2000-402662	20000926 <--
	ES 2179807	T3	20030201	ES 2000-402662	20000926 <--
	BR 2000004515	A	20010417	BR 2000-4515	20000928 <--
	US 6383993	B1	20020507	US 2000-671190	20000928 <--
	CA 2321280	A1	20010329	CA 2000-2321280	20000929 <--
	JP 2001199849	A	20010724	JP 2000-336704	20000929 <--
	JP 3780160	B2	20060531		

PRAI FR 1999-12168 A 19990929 <--
 ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT
 OSC.G 2 THERE ARE 2 CAPLUS RECORDS THAT CITE THIS RECORD (2 CITINGS)
 RE.CNT 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD

ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 24 OF 28 HCAPLUS COPYRIGHT 2010 ACS on STN
 TI Cosmetic detergent compositions containing an anionic hydroxyalkyl ether surfactant and cationic guar gum
 AB Detergent cosmetic compns. contain an anionic surfactant such as hydroxyalkyl ether carboxylic acid and a cationic galactomannan gum. Thus, a shampoo contained Beaulight Shaa [sodium 2-(2-hydroxy-lauryloxy)acetate] 15, Jaguar C13S 1, citric acid 7, and water to 100 g.
 AN 2000:592357 HCAPLUS <<LOGINID:20100715>>
 DN 133:198385
 TI Cosmetic detergent compositions containing an anionic hydroxyalkyl ether surfactant and cationic guar gum
 IN Garnier, Nathalie; Cauwet-Martin, Daniele; Restle, Serge
 PA L'Oreal, Fr.
 SO Eur. Pat. Appl., 11 pp.
 CODEN: EPXXDW
 DT Patent
 LA French
 FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1029534	A1	20000823	EP 2000-400184	20000124 <--
EP 1029534	B1	20040331		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
FR 2789575	A1	20000818	FR 1999-1867	19990216 <--
FR 2789575	B1	20010330		
AT 262888	T	20040415	AT 2000-400184	20000124 <--
ES 2218077	T3	20041116	ES 2000-400184	20000124 <--
US 6290944	B1	20010918	US 2000-504620	20000215 <--
JP 2000247847	A	20000912	JP 2000-38420	20000216 <--
PRAI FR 1999-1867	A	19990216	<--	

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT
 OS MARPAT 133:198385
 OSC.G 2 THERE ARE 2 CAPLUS RECORDS THAT CITE THIS RECORD (2 CITINGS)
 RE.CNT 9 THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 25 OF 28 HCAPLUS COPYRIGHT 2010 ACS on STN
 TI Cosmetic compositions containing an anionic alkylpolyglycoside surfactant, and a galactomannan gum
 AB The invention concerns novel cosmetic compns. comprising in a cosmetically acceptable medium at least an anionic surfactant such as a carboxylic alkylpolyglycoside ester and at least a cationic galactomannan gum. A shampoo contained KAG40 (40% alkyl polyglycoside) 10, 30% disodium cocoglucoside citrate 5, silicone 0.5, Jaguar C13S 0.5, copra acid monoisopropanolamide 1.5, ethylene glycol distearate 1, citric acid 7, and water q.s. 100 g.
 AN 2000:351330 HCAPLUS <<LOGINID:20100715>>
 DN 132:352510
 TI Cosmetic compositions containing an anionic alkylpolyglycoside surfactant, and a galactomannan gum
 IN Cauwet-Martin, Daniele; Restle, Serge
 PA L'Oreal, Fr.
 SO PCT Int. Appl., 36 pp.
 CODEN: PIXXD2
 DT Patent
 LA French
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000028949	A1	20000525	WO 1999-FR2433	19991011 <--
	W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW				
	RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	FR 2785800	A1	20000519	FR 1998-14218	19981112 <--
	FR 2785800	B1	20021129		
	AU 9960939	A	20000605	AU 1999-60939	19991011 <--
	EP 1047373	A1	20001102	EP 1999-947527	19991011 <--
	EP 1047373	B1	20020424		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
	AT 216572	T	20020515	AT 1999-947527	19991011 <--
	ES 2177321	T3	20021201	ES 1999-947527	19991011 <--
FRAI	FR 1998-14218	A	19981112	<--	
	WO 1999-FR2433	W	19991011	<--	
OS	MARPAT 132:352510				
OSC.G	3				
RE.CNT	7				
	THERE ARE 3 CAPLUS RECORDS THAT CITE THIS RECORD (3 CITINGS)				
	THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD				
	ALL CITATIONS AVAILABLE IN THE RE FORMAT				

L9 ANSWER 26 OF 28 HCAPLUS COPYRIGHT 2010 ACS on STN

TI Stabilized hair care products comprising an anionic detergent surfactant, a water-insol. silicone and an acrylic stabilizer

AB A low energy method for making stabilized hair care products comprising an anionic detergent surfactant, a water-insol. silicone and and acrylic stabilizing agent is disclosed wherein the method does not require added heat. A hair preparation contained 28% ammonium lauryl sulfate 50.00, cocodiethanolamine 2.00, Polyquaternium-10 0.15, monosodium phosphate 0.30, cationic guar gum 0.20, distearyldiammonium chloride 0.20, dimethicone 3.00, sodium cumene sulfonate 0.50, preservative, perfume, color, and water q.s. 100%.

AN 1999:219958 HCAPLUS <<LOGINID:20100715>>

DN 130:257158

TI Stabilized hair care products comprising an anionic detergent surfactant, a water-insol. silicone and an acrylic stabilizer

IN Patel, Amrit; Aldrich, Tracey; Schweid, Bret

PA Colgate-Palmolive Company, USA

SO PCT Int. Appl., 50 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9913837	A1	19990325	WO 1998-US19286	19980910 <--
	W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZW				
	RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	US 6165454	A	20001226	US 1997-933521	19970918 <--

CA 2304085	A1	19990325	CA 1998-2304085	19980910 <--
AU 9893169	A	19990405	AU 1998-93169	19980910 <--
AU 758881	B2	20030403		
EP 1014917	A1	20000705	EP 1998-946074	19980910 <--
EP 1014917	B1	20041110		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, NL, SE, PT, IE, FI, RO				
BR 9812349	A	20000919	BR 1998-12349	19980910 <--
TR 2000001543	T2	20010122	TR 2000-1543	19980910 <--
HU 2000004316	A2	20010428	HU 2000-4316	19980910 <--
HU 2000004316	A3	20021128		
NZ 503424	A	20020426	NZ 1998-503424	19980910 <--
RU 2211690	C2	20030910	RU 2000-109559	19980910 <--
TW 592720	B	20040621	TW 1998-87115034	19980910 <--
AT 281823	T	20041115	AT 1998-946074	19980910 <--
CN 1245948	C	20060322	CN 1998-810322	19980910 <--
IN 1998DE02775	A	20051014	IN 1998-DE2775	19980916 <--
IN 221512	A1	20080801		
ZA 9808531	A	20000322	ZA 1998-8531	19980917 <--
NO 2000001422	A	20000516	NO 2000-1422	20000317 <--
MX 2000002749	A	20001026	MX 2000-2749	20000317 <--
HK 1029753	A1	20050422	HK 2001-100149	20010105 <--
IN 2005DE01721	A	20100122	IN 2005-DE1721	20050701 <--
PRAI US 1997-933521	A	19970918	<--	
WO 1998-US19286	W	19980910	<--	
IN 1998-DE2775	A3	19980916	<--	

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

OSC.G 9 THERE ARE 9 CAPLUS RECORDS THAT CITE THIS RECORD (10 CITINGS)

RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD

ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d his

(FILE 'HOME' ENTERED AT 14:11:16 ON 15 JUL 2010)

FILE 'REGISTRY' ENTERED AT 14:11:28 ON 15 JUL 2010

L1 STRUCTURE UPLOADED
 L2 18 S L1
 L3 3229 S L1 SSS FULL

FILE 'HCAPLUS' ENTERED AT 14:12:56 ON 15 JUL 2010

L4 4594 S L3
 L5 7738 S GALACTOMANNAN OR (LOCUST BEAN)
 L6 104 S L4 AND L5
 L7 152077 S COSMETIC OR HAIR OR SHAMPOO
 L8 57 S L6 AND L7
 L9 28 S L8 AND (PY<2004 OR AY<2004 OR PRY<2004)

=> log hold

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	ENTRY	SESSION
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DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	-22.10	-22.10

SESSION WILL BE HELD FOR 120 MINUTES
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Connecting via Winsock to STN

Welcome to STN International! Enter x:X

LOGINID:SSPTAEXO1623

PASSWORD:

* * * * * RECONNECTED TO STN INTERNATIONAL * * * * *
SESSION RESUMED IN FILE 'HCAPLUS' AT 14:29:21 ON 15 JUL 2010
FILE 'HCAPLUS' ENTERED AT 14:29:21 ON 15 JUL 2010
COPYRIGHT (C) 2010 AMERICAN CHEMICAL SOCIETY (ACS)d

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FULL ESTIMATED COST	ENTRY	SESSION
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DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
CA SUBSCRIBER PRICE	ENTRY	SESSION
	-22.10	-22.10

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9668 LOCUST
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4650 LOCUST BEAN
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2054 CAROB
1114 TARA
1056 CERATONIA
0 CAESALPINIO

L10 7288 (LOCUST BEAN) OR CAROB OR TARA OR CERATONIA OR CAESALPINIO

=> s l5 and l10

L11 4900 L5 AND L10

=> s l11 and l7

L12 316 L11 AND L7

=> s l4 and l11

L13 57 L4 AND L11

=> s l7 and l13

L14 28 L7 AND L13

=> s l14 and (PY<2005 or AY<2005 or PRY<2005)

25158662 PY<2005
5168927 AY<2005
4648592 PRY<2005

L15 18 L14 AND (PY<2005 OR AY<2005 OR PRY<2005)

=> d l15 1-18 ti abs bib

L15 ANSWER 1 OF 18 HCAPLUS COPYRIGHT 2010 ACS on STN

TI Cationic Cassia polymers and hair fixative applications
therefore

AB This invention relates to cationic Cassia polymers and to their use in
hair fixative applications. The cationic Cassia polymers
demonstrate superior stiffness profiles and a high level of curl retention

when subjected to high humidity conditions for extended periods of time. Thus, cationic Cassia (Cassia hydroxypropyl trimethylammonium chloride) was prepared: to a reaction vessel 160 g of Cassia gum was mixed in a solution of 921 g of 44% isopropanol in water; 4.5 g of potassium hydroxide was added and slurry was formed; 92.8 g of 2,3-epoxypropyltrimethylammonium chloride was added; the reaction slurry was heated to 70° and kept for 3 h; after cooling to 50°, the slurry was diluted with 380 g of 99% isopropanol and neutralized to a pH of about 7.0 with a solution of acetic acid; the Cassia hydroxypropyl trimethylammonium chloride product was filtered, washed, air dried overnight and oven dried at 100° for 4 h to produce 179.3 of cationic Cassia; the final product has a nitrogen content of 2.18 weight% and a charge d. of 1.56 meq/g.

AN 2010:377405 HCAPLUS <<LOGINID:20100715>>

DN 152:365996

TI Cationic Cassia polymers and hair fixative applications
therefore

IN Lepilleur, Carole A.; Rafferty, Denise W.; Fruscella, Jeffrey A.; Zellia, Joseph A.

PA Lubrizol Advanced Materials, Inc., USA

SO PCT Int. Appl., 69pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2010033302	A1	20100325	WO 2009-US51894	20090728
	W:	AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PE, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW			
	RW:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, SE, SI, SK, SM, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	US 20090010855	A1	20090108	US 2008-211494	20080916 <--
PRAI	US 2008-211494	A	20080916		
	US 2003-479793P	P	20030619	<--	
	US 2004-874296	A1	20040618	<--	
	US 2007-843920	A2	20070823		

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

RE.CNT 18 THERE ARE 18 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L15 ANSWER 2 OF 18 HCAPLUS COPYRIGHT 2010 ACS on STN

TI Cationic Cassia polymers and hair fixative applications
therefore

AB This invention relates to cationic Cassia polymers and to their use in hair fixative applications. The cationic Cassia polymers demonstrate superior stiffness profiles and a high level of curl retention when subjected to high humidity conditions for extended periods of time. Thus, cationic Cassia (Cassia hydroxypropyl trimethylammonium chloride) was prepared: to a reaction vessel 160 g of Cassia gum was mixed in a solution of 921 g of 44% isopropanol in water; 4.5 g of potassium hydroxide was added and slurry was formed; 92.8 g of 2,3-epoxypropyltrimethylammonium chloride was added; the reaction slurry was heated to 70° and kept for 3 h; after cooling to 50°, the slurry was diluted with 380 g of

99% isopropanol and neutralized to a pH of about 7.0 with a solution of acetic acid; the Cassia hydroxypropyl trimethylammonium chloride product was filtered, washed, air dried overnight and oven dried at 100° for 4 h to produce 179.3 of cationic Cassia; the final product has a nitrogen content of 2.18 weight% and a charge d. of 1.56 meq/g.

AN 2009:20929 HCAPLUS <<LOGINID::20100715>>

DN 150:105436

TI Cationic Cassia polymers and hair fixative applications therefore

IN Lepilleur, Carole A.; Rafferty, Denise W.; Zellia, Joseph A.; Fruscella, Jeffrey A.

PA Lubrizol Advanced Materials, Inc., USA

SO U.S. Pat. Appl. Publ., 25pp., Cont.-in-part of U.S. Ser. No. 843,920.

CODEN: USXXCO

DT Patent

LA English

FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 20090010855	A1	20090108	US 2008-211494	20080916 <--
	US 20050026794	A1	20050203	US 2004-874296	20040618 <--
	US 7262157	B2	20070828		
	US 20080004340	A1	20080103	US 2007-843920	20070823 <--
	US 7439214	B2	20081021		
	US 20090047227	A1	20090219	US 2008-254437	20081020 <--
	US 7704934	B2	20100427		
	JP 2009209155	A	20090917	JP 2009-147887	20090622 <--
	WO 2010033302	A1	20100325	WO 2009-US51894	20090728
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	ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP,				
	KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA,				
	MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PE,				
	PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, ST, SV,				
	SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW				
	RW:				
	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU,				
	IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, SE, SI,				
	SK, SM, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE,				
	SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG,				
	ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
PRAI	US 2003-479793P	P	20030619	<--	
	US 2004-874296	A1	20040618	<--	
	US 2007-843920	A2	20070823		
	JP 2006-517362	A3	20040618	<--	
	US 2008-211494	A	20080916		

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

OSC.G 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD (1 CITINGS)

L15 ANSWER 3 OF 18 HCAPLUS COPYRIGHT 2010 ACS on STN

TI Hair-conditioning and cosmetic compositions containing cationic polymers

AB The hair and cosmetic compns. contain dimethyldiallylammonium chloride derivs. and fenugreek gum cationic derivs., tara gum cationic derivs., and/or locust bean gum cationic derivs. A shampoo containing Merquat 100 (polyquaternium-6) 0.02, ME Polymer 09W (polyquaternium-7) 0.02, Merquat 280 (polyquaternium-22) 0.02, Merquat 3320 (polyquaternium-39) 0.02, fenugreek gum hydroxypropyltrimonium chloride (purity 73%) 0.02, and tara gum hydroxypropyltrimonium chloride (purity 72%) 0.02 weight% showed good foaming properties and hair-smoothing and -conditioning effects.

AN 2006:564037 HCAPLUS <<LOGINID:20100715>>
 DN 145:50612
 TI Hair-conditioning and cosmetic compositions containing
 cationic polymers
 IN Mori, Yoshihiko; Otsusaka, Saori; Suzuki, Akio
 PA Toho Chemical Industry Co., Ltd., Japan
 SO Jpn. Kokai Tokkyo Koho, 41 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	JP 2006151871	A	20060615	JP 2004-345018	20041129 <--
PRAI	JP 2004-345018		20041129	<--	

L15 ANSWER 4 OF 18 HCAPLUS COPYRIGHT 2010 ACS on STN
 TI Hair cleansers comprising cationic galactomannan
 AB This invention relates to highly viscous hair cleansers which
 provide thick foams. The hair cleansers comprise 1.2-5 %
 cationized galactomannan with an average mol. weight \geq 100,000
 and nitrogen content 0.5-3 %. The cationized galactomannan is
 selected from the group consisting of cationic fenugreek gum, cationic
 guar gum, cationic tara gum, and cationic locust
 bean gum. For example, a shampoo contained cationized
 fenugreek gum (average mol. weight 220,000 and nitrogen content 1.4 %) 2, Na

PEG lauryl ether sulfate 20, Mg PEG lauryl ether sulfosuccinate 30,
 decylglucoside 5, coco fatty acid diethanolamide 3, coco fatty
 amidopropylbetaine 5, propylene glycol 5, citric acid q.s. to pH 5.5, Me
 0.3, Na benzoate 0.5, perfumes 0.6, and water balance to 100 %.

AN 2006:100433 HCAPLUS <<LOGINID:20100715>>
 DN 144:156168
 TI Hair cleansers comprising cationic galactomannan
 IN Fukugaki, Kyoko; Kinami, Masaki
 PA Sunstar, Inc., Japan
 SO Jpn. Kokai Tokkyo Koho, 13 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	JP 2006028095	A	20060202	JP 2004-209659	20040716 <--
	JP 4488818	B2	20100623		
PRAI	JP 2004-209659		20040716	<--	

L15 ANSWER 5 OF 18 HCAPLUS COPYRIGHT 2010 ACS on STN
 TI Alcohol-based hand sanitizing composition
 AB The invention provides a sanitizing composition in the form of a viscous liquid
 or gel suitable for use as a handwashing composition comprising alc., water and
 a thickener wherein the viscous liquid or gel has particles suspended
 therein, wherein said particles provide the composition with a granular texture
 and are capable of being worn away when rubbed. The particles may deliver
 one or more agents to the skin, e.g. antimicrobial, antibacterial or
 antiviral agents, emollients and/or moisturizers, fragrances, colorings or
 UV markers. For example, a composition contained ethanol 62.0%, Carbopol ETD
 2020 thickener 0.3%, diisopropanolamine 0.01%, disodium EDTA 0.01%,
 suspended particles Florasomes MXS Blue with fragrance and Fluorescent
 Brightener 236 0.5% and Florasomes MXS with triclosan 0.8%, and water to
 100%.

AN 2005:1282494 HCAPLUS <<LOGINID::20100715>>
 DN 144:40380
 TI Alcohol-based hand sanitizing composition
 IN Brown, James Steven
 PA James Steven Brown, USA
 SO Brit. UK Pat. Appl., 53 pp.
 CODEN: BAXXDU
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	GB 2414666	A	20051207	GB 2004-12329	20040603 <--
	GB 2414666	B	20090107		
	GB 2452189	A	20090225	GB 2008-21820	20040603 <--
	GB 2452189	B	20090715		
	US 20050271595	A1	20051208	US 2005-102017	20050409 <--
	AU 2005327300	A1	20060817	AU 2005-327300	20050601 <--
	CA 2568888	A1	20060817	CA 2005-2568888	20050601 <--
	WO 2006085907	A2	20060817	WO 2005-US18992	20050601 <--
	WO 2006085907	A3	20061005		
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
	RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GO, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	EP 1765260	A2	20070328	EP 2005-856772	20050601 <--
	R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, AL, BA, HR, LV, MK, YU				
	JP 2008508189	T	20080321	JP 2007-515471	20050601 <--
	ZA 2006010309	A	20080430	ZA 2006-10309	20061204 <--
	US 20090274629	A1	20091105	US 2009-502129	20090713 <--
FRAI	GB 2004-12329	A3	20040603	<--	
	US 2005-102017	A	20050409		
	WO 2005-US18992	W	20050601		
OSC.G	4	THERE ARE 4 CAPLUS RECORDS THAT CITE THIS RECORD (4 CITINGS)			
RE.CNT	5	THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD			
		ALL CITATIONS AVAILABLE IN THE RE FORMAT			

L15 ANSWER 6 OF 18 HCAPLUS COPYRIGHT 2010 ACS on STN

TI Cationic, oxidized polysaccharides in conditioning applications

AB A cationic, oxidized polysaccharide or derivative thereof that has a mean average

mol. weight (MW) between 50,000 and 1,000,000 and an aldehyde functionality content of at least 0.001 meq/g is used in personal care and household care compns. This cationic, oxidized polysaccharide is prepared in continuous or batch processes using hydrolytic reagents, oxidizing reagents, or combination of hydrolytic reagents and oxidizing reagents. Personal care or household care compns. are prepared by adding the cationic, oxidized polysaccharide to a personal care or household composition containing

at

least one active ingredient other than the cationic, oxidized polysaccharide of this invention. For example, a shampoo

formulation containing a cationic, oxidized guar polymer (MW 50200, cationic degree of substitution 0.18) 0.5%, together with HPMC 0.5%, Amphosol CA 12%, Rhodapex ES STD 35%, and Glydant 0.5%, improved detangling of wet and dry hair by 62% and 35%, resp., when compared with the shampoo containing no polymer.

AN 2005:1106786 HCAPLUS <<LOGINID::20100715>>
DN 143:372822

TI Cationic, oxidized polysaccharides in conditioning applications

IN Erazo-Majewicz, Paquita; Modi, Jashawant J.; Xu, Zu-Feng

PA Hercules Incorporated, USA

SO U.S. Pat. Appl. Publ., 29 pp.

CODEN: USXXCO

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 20050227902	A1	20051013	US 2004-821013	20040408 <--
	US 7589051	B2	20090915		
PRAI	US 2004-821013		20040408	<--	

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

RE.CNT 16 THERE ARE 16 CITED REFERENCES AVAILABLE FOR THIS RECORD

ALL CITATIONS AVAILABLE IN THE RE FORMAT

L15 ANSWER 7 OF 18 HCAPLUS COPYRIGHT 2010 ACS on STN

TI Cleansing compositions containing cationized gums

AB The invention relates to a cleansing composition providing creamy and voluminous foams without causing stickiness to skin or hair, wherein the composition is characterized by containing (1) cationized guar gum,

(2) cationized fenugreek gum, cationized tara gum, and/or cationized locust bean gum, and (3) surfactants. The composition may further contain a silicone compound. For example, a shampoo composition containing polyoxyethylene lauryl ether sulfate sodium salt 20, cationized guar gum (Jaguar C-13S) 0.15, cationized tara gum (Catinal CTR-100) 0.15, a silicone emulsion (BY22-050A) 2, and water balance to 100 % was formulated.

AN 2005:1070538 HCAPLUS <<LOGINID::20100715>>
DN 143:352828

TI Cleansing compositions containing cationized gums

IN Yamaguchi, Junshi; Matsue, Yukako

PA Kanebo Cosmetics, Ltd., Japan; Kao Corp.

SO Jpn. Kokai Tokkyo Koho, 13 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2005272658	A	20051006	JP 2004-88540	20040325 <--
	JP 4291717	B2	20090708		
PRAI	JP 2004-88540		20040325	<--	

L15 ANSWER 8 OF 18 HCAPLUS COPYRIGHT 2010 ACS on STN

TI Shampoos containing polygalactomannan hydrocolloids and silicones

AB The present invention relates to a shampoo composition comprising a mined polygalactomannan hydrocolloid(s) in combination with a water soluble silicone. Thus, a shampoo composition contained cationic Cassia 0.025%.

AN 2005:527181 HCAPLUS <<LOGINID::20100715>>

DN 143:65103

TI Shampoos containing polygalactomannan hydrocolloids and silicones
 IN Lepilleur, Carole A.; Fruscella, Jeffrey A.
 PA USA
 SO U.S. Pat. Appl. Publ., 58 pp., Cont.-in-part of U.S. Ser. No. 871,472.
 CODEN: USXXCO
 DT Patent
 LA English
 FAN.CNT 4

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 20050129643	A1	20050616	US 2004-14424	20041216 <--
	US 20050075497	A1	20050407	US 2004-871472	20040619 <--
	WO 2006065469	A1	20060622	WO 2005-US42285	20051122 <--
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
	RW:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	EP 1841402	A1	20071010	EP 2005-851991	20051122 <--
	EP 1841402	B1	20090422		
	R:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR			
	CN 101080214	A	20071128	CN 2005-80042904	20051122 <--
	JP 2008524216	T	20080710	JP 2007-546688	20051122 <--
	AT 429208	T	20090515	AT 2005-851991	20051122 <--
	ES 2324677	T3	20090812	ES 2005-851991	20051122 <--
	BR 2005019046	A2	20090818	BR 2005-19046	20051122 <--
	IN 2007DN02804	A	20070817	IN 2007-DN2804	20070416 <--
	MX 2007007213	A	20071106	MX 2007-7213	20070614 <--
	KR 2007095336	A	20070928	KR 2007-716343	20070716 <--
	US 20090137438	A1	20090528	US 2009-350590	20090108 <--
	US 20090318571	A1	20091224	US 2009-482858	20090611 <--
PRAI	EP 2003-13933	A	20030620	<--	
	US 2004-871472	A2	20040619	<--	
	US 2004-14424	A	20041216	<--	
	WO 2005-US42285	W	20051122		

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT
 OSC.G 7 THERE ARE 7 CAPLUS RECORDS THAT CITE THIS RECORD (8 CITINGS)

L15 ANSWER 9 OF 18 HCAPLUS COPYRIGHT 2010 ACS on STN

TI Hydrocolloids and process therefor

AB The present invention relates to substantially pure hydrocolloids and derivs. thereof, a method of their production, compns. comprising them and their use as gelling and thickening agents for aqueous systems, for instance, in the area of food, fodder, cosmetic and pharmaceutical compns. Typical hydrocolloids are selected from tamarid, fenugreek, cassia, locust bean, tara, and algal hydrocolloids such as carrageenan and alginates. The hydrocolloids obtainable by the method of the invention are colorless, odorless and tasteless and they exhibit improved performance properties such as viscosity properties as well as gel strength and break strength.

AN 2005:471822 HCAPLUS <<LOGINID:20100715>>

DN 143:9412

TI Hydrocolloids and process therefor

IN Utz, Ferdinand; Malek, Gabriel
 PA Germany
 SO U.S. Pat. Appl. Publ., 53 pp., Cont.-in-part of U.S. Ser. No. 871,472.
 CODEN: USXXCO
 DT Patent
 LA English
 FAN.CNT 4

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 20050118130	A1	20050602	US 2004-7151	20041208 <--
	US 20050075497	A1	20050407	US 2004-871472	20040619 <--
	WO 2006062792	A2	20060615	WO 2005-US43363	20051122 <--
	WO 2006062792	A3	20060727		
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
	RW:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	US 20090318571	A1	20091224	US 2009-482858	20090611 <--
PRAI	EP 2003-13933	A	20030620	<--	
	US 2004-871472	A2	20040619	<--	
	US 2004-7151	A	20041208	<--	

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT
 OSC.G 2 THERE ARE 2 CAPLUS RECORDS THAT CITE THIS RECORD (2 CITINGS)

L15 ANSWER 10 OF 18 HCAPLUS COPYRIGHT 2010 ACS on STN
 TI Baby care skin protectant compositions containing zeolites for diaper rash
 AB The present invention provides a comprehensive solution to skin problems of infants and incontinent adults related to diaper rash, also known as diaper dermatitis. This is based on certain novel divalent metal and quaternary ammonium complexes (ion-pairs) of zeolites (that are made by an in-situ process), which in synergistic combination with certain other compns., provide a comprehensive treatment for diaper rash. The treatment encompasses the following aspects: (1) deactivation of lipase and protease enzymes on skin surface, (2) the controlled-release delivery of skin protectant compns., such as divalent metal zinc cation, (3) trapping of acidic and alkaline chems. deposited on skin from body exudates and enzyme activity, (4) controlled-release delivery of anti-inflammatory agents, and cyclooxygenase (COX) and lipoxigenase (LOX) enzyme inhibitors, (5) controlled-release delivery of antibacterial and antifungal compns., and (6) absorption of excess moisture in the diaper zone. For example, to a clear solution obtained by mixing 1.36 parts of zinc chloride and 78.64 parts of glycerin, 20.0 parts of zeolite type 4A was added. The mixture contained zinc zeolite (100% zeolite exchanged), made by the in-situ ion-pair exchange.

AN 2005:238420 HCAPLUS <<LOGINID:20100715>>
 DN 142:322334
 TI Baby care skin protectant compositions containing zeolites for diaper rash
 IN Gupta, Shyam K.
 PA Bioderm Research, USA
 SO U.S. Pat. Appl. Publ., 12 pp.
 CODEN: USXXCO
 DT Patent
 LA English

FAN.CNT 13

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 20050058672	A1	20050317	US 2003-605191	20030914 <--
	US 20070237834	A1	20071011	US 2007-760466	20070608 <--
PRAI	US 2003-418495	A2	20030418	<--	
	US 2003-605191	A2	20030914	<--	

OSC.G 5 THERE ARE 5 CAPLUS RECORDS THAT CITE THIS RECORD (5 CITINGS)

L15 ANSWER 11 OF 18 HCAPLUS COPYRIGHT 2010 ACS on STN

TI Galactomannan hydrocolloids and derivatives for thickening and gelling applications

AB The present invention relates to substantially pure hydrocolloids and derivs. thereof, a novel method of making said hydrocolloids, compns. comprising said hydrocolloids, and using said hydrocolloids as a gelling and thickening agent for aqueous systems, for instance, in the area of food, fodder, cosmetic and pharmaceutical compns. Typical hydrocolloids are selected from tamarind, fenugreek, cassia, locust bean, tara and guar. The hydrocolloids obtainable by the method of the invention are colorless, odorless and tasteless and they exhibit improved performance properties such as viscosity properties as well as gel strength and break strength.

AN 2004:1154730 HCAPLUS <<LOGINID:20100715>>

DN 142:96248

TI Galactomannan hydrocolloids and derivatives for thickening and gelling applications

IN Utz, Ferdinand; Malek, Gabriel; Lepilleur, Carole A.; Fruscella, Jeffrey A.; Zellia, Joseph A.; Skeens, Michael H.

PA Noveon Ip Holdings Corp., USA

SO PCT Int. Appl., 142 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 4

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2004113390	A1	20041229	WO 2004-US19585	20040619 <--
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, VZ, VN, YU, ZA, ZM, ZW				
	RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
EP	1639018	A1	20060329	EP 2004-755630	20040619 <--
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK				
CN	1809593	A	20060726	CN 2004-80017319	20040619 <--
BR	2004011670	A	20060808	BR 2004-11670	20040619 <--
JP	2007536385	T	20071213	JP 2006-517427	20040619 <--
IN	2005DN05598	A	20070824	IN 2005-DN5598	20051202 <--
PRAI	EP 2003-13933	A	20030620	<--	
	WO 2004-US19585	W	20040619	<--	

OSC.G 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD (1 CITINGS)

RE.CNT 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L15 ANSWER 12 OF 18 HCAPLUS COPYRIGHT 2010 ACS on STN
 TI Cosmetic compositions comprising a quaternary silicone, a cationic surfactant and 2 cationic polymers
 AB A cosmetic composition contains a quaternary silicone, a cationic surfactant and 2 cationic polymers. The composition further comprises a thickening agent, e.g., a nonionic polymer and can be used for the treatment of hair. Thus, a hair composition contained Dehyquart A 0.8, Abil Quat-3272 0.5, Jaguar HP105 0.4, JR400 0.5, Luviquat care 0.57, Cellosize Polymer PCG-10 0.3, glycerin 5, Tween-20 0.4, perfume and preservatives qs, and water qs to 100 g.
 AN 2004:17394 HCAPLUS <<LOGINID::20100715>>
 DN 140:99259
 TI Cosmetic compositions comprising a quaternary silicone, a cationic surfactant and 2 cationic polymers
 IN Decoster, Sandrine; Cazin, Benedicte
 PA L'Oreal, Fr.
 SO Eur. Pat. Appl., 29 pp.
 CODEN: EPXXDW
 DT Patent
 LA French
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 1378227	A1	20040107	EP 2003-291386	20030611 <--
	EP 1378227	B1	20070117		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
	FR 2841467	A1	20040102	FR 2002-8142	20020628 <--
	FR 2841467	B1	20060120		
	ES 2280706	T3	20070916	ES 2003-291386	20030611 <--
	BR 2003002227	A	20040908	BR 2003-2227	20030627 <--
	MX 2003005919	A	20050214	MX 2003-5919	20030627 <--
	JP 2004035557	A	20040205	JP 2003-189007	20030630 <--
	US 20040120914	A1	20040624	US 2003-608264	20030630 <--
PRAI	FR 2002-8142	A	20020628	<--	
	US 2002-393832P	P	20020708	<--	
OS	MARPAT 140:99259				
OSC.G	9	THERE ARE 9 CAPLUS RECORDS THAT CITE THIS RECORD (9 CITINGS)			
RE.CNT	6	THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD			
	ALL CITATIONS AVAILABLE IN THE RE FORMAT				

L15 ANSWER 13 OF 18 HCAPLUS COPYRIGHT 2010 ACS on STN
 TI Cosmetic compositions comprising a quaternary silicone and a liquid fatty alcohol
 AB A cosmetic composition contains a quaternary silicone and a liquid fatty alc. The invention refers to a method for the treatment of hair by using the above composition. The composition is transparent and has a paste-like structure. Thus, a hair composition contained Dehyquart A 0.8, Abil Quat-3272 0.5, oleyl alc. 0.25, Jaguar HP105 0.4, JR400 0.5, Luviquat care 0.57, Cellosize Polymer PCG-10 0.3, glycerin 5, citric acid 0.5 perfume and preservatives qs, and water qs to 100 g.
 AN 2004:17393 HCAPLUS <<LOGINID::20100715>>
 DN 140:99270
 TI Cosmetic compositions comprising a quaternary silicone and a liquid fatty alcohol
 IN Decoster, Sandrine; Cazin, Benedicte
 PA L'Oreal, Fr.
 SO Eur. Pat. Appl., 32 pp.
 CODEN: EPXXDW
 DT Patent
 LA French

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1378226	A1	20040107	EP 2003-10977	20030516 <--
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
FR 2841466	A1	20040102	FR 2002-8143	20020628 <--
FR 2841466	B1	20051230		
US 20040131576	A1	20040708	US 2003-606786	20030627 <--
US 7740873	B2	20100622		
JP 2004035556	A	20040205	JP 2003-189006	20030630 <--
PRAI FR 2002-8143	A	20020628	<--	
US 2002-393831P	P	20020708	<--	

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

OS MARPAT 140:99270

OSC.G 2 THERE ARE 2 CAPLUS RECORDS THAT CITE THIS RECORD (2 CITINGS)

RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD

ALL CITATIONS AVAILABLE IN THE RE FORMAT

L15 ANSWER 14 OF 18 HCAPLUS COPYRIGHT 2010 ACS on STN

TI Compositions useful for regulating hair growth containing metal complexes of oxidized carbohydrates

AB A stable cosmetic, dermatol., or pharmaceutical composition comprising: (a) about 0.001-99.9%, by weight, of at least one metal complex of an oxidized carbohydrate, wherein the metal complex of an oxidized carbohydrate is neither zinc gluconate, manganese gluconate, nor lithium gluconate; and (b) about 0.1-99.999%, by weight, of a vehicle, wherein the vehicle comprises at least about 5%, by weight of the composition, of propylene glycol. The composition is administered orally, parenterally or topically. For example, a topical composition was prepared containing zinc lactobionate

5.0%,
zinc gluconate 3.0%, minoxidil 2.5%, propylene glycol 8.0%, dimethylisobornide 19.0%, and ethanol and minors up to 100%.

AN 2002:89809 HCAPLUS <<LOGINID::20100715>>

DN 136:139844

TI Compositions useful for regulating hair growth containing metal complexes of oxidized carbohydrates

IN Gardlik, John Michael; Severynse-Stevens, Diana; Comstock, Bryan Gabriel

PA The Procter & Gamble Company, USA

SO PCT Int. Appl., 47 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002007700	A2	20020131	WO 2001-US23425	20010725 <--
WO 2002007700	A3	20020829		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MY, NZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
US 20020119174	A1	20020829	US 2001-909440	20010719 <--
PRAI US 2000-220756P	P	20000726	<--	

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

OSC.G 6 THERE ARE 6 CAPLUS RECORDS THAT CITE THIS RECORD (6 CITINGS)
 RE.CNT 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L15 ANSWER 15 OF 18 HCAPLUS COPYRIGHT 2010 ACS on STN
 TI Method of regulating hair growth using metal complexes of oxidized carbohydrates
 AB A method for regulating the growth of hair comprising administering to a mammal, an effective amount of a composition comprising: (a) about 0.001-99.9%, by weight, of at least one metal complex of an oxidized carbohydrate, wherein the metal complex of an oxidized carbohydrate is neither zinc gluconate nor manganese gluconate; and (b) about 0.1-99.999%, by weight, of a vehicle. The composition is administered orally, parenterally, or topically. For example, a topical composition contained zinc lactobionate 5.0%, zinc gluconate 1.0%, zinc pyrithione 1.0%, Tween 20 1.0%, propylene glycol 10.0%, dimethylisobutyl 18.0%, EtOH 30.0%, and water and minors up to 100%. Also, tablets were prepared containing zinc lactobionate 100 mg, Crospovidone 15 mg, lactose 200 mg, microcryst. cellulose 80 mg, and magnesium stearate 5 mg.
 AN 2002:89795 HCAPLUS <<LOGINID::20100715>>
 DN 136:139843
 TI Method of regulating hair growth using metal complexes of oxidized carbohydrates
 IN Gardlik, John Michael; Severynse-Stevens, Diana; Comstock, Bryan Gabriel
 PA The Procter & Gamble Company, USA
 SO PCT Int. Appl., 46 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002007685	A2	20020131	WO 2001-US23424	20010725 <--
WO 2002007685	A3	20020829		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
US 20020035070	A1	20020321	US 2001-909441	20010719 <--
AU 2001080779	A	20020205	AU 2001-80779	20010725 <--
FRAI US 2000-220755P	P	20000726	<--	
WO 2001-US23424	W	20010725	<--	

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT
 OSC.G 4 THERE ARE 4 CAPLUS RECORDS THAT CITE THIS RECORD (4 CITINGS)
 RE.CNT 10 THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L15 ANSWER 16 OF 18 HCAPLUS COPYRIGHT 2010 ACS on STN
 TI Base compositions for surfactant-free pharmaceuticals and cosmetics
 AB A base composition when mixed with one or more dispersions of hydrophobic ingredients, and in particular cationic dispersions, forms a highly stable composition which is substantially free of aggregates and in which the water and hydrophobic ingredients in the composition do not readily sep. The compns. formed may be topically, orally, nasally, anally, ophthalmically, or

vaginally applied to humans. The base composition comprises a phosphorylated starch derivative, 1 or more co-thickening agents, such as carbomer and acrylate/alkyl acrylate crosslinked polymers and water. The method comprises mixing the base composition of the present invention, and at least one dispersion comprising suspended particles of a hydrophobic active agent, a hydrophobic adjuvant, or a combination. The composition prepared is substantially free of emulsifying surfactants and the suspended particles have a diameter <500 nm. Mixing may be performed with a propeller mixer or manually, i.e., by hand. Preferably, the base composition is premanufd. Since the composition is simple and quick to prepare, custom cosmetic compns. may be prepared at the point of sale for customers in minutes. Prior to the present invention, such products would take hours to be prepared. Thus, a base composition contained Structure Zea 3.00, Germazide MPB 1.50, Pemulen TR2 0.75, 2% aqueous solution of Carbopol-940 30.00, triethanolamine 0.85 parts by weight

AN 2001:713178 HCAPLUS <<LOGINID:20100715>>

DN 135:278017

TI Base compositions for surfactant-free pharmaceuticals and cosmetics

IN Wilmott, James M.; Crawford, Timothy K.; Coleman, Todd

PA Collaborative Technologies, Inc., USA

SO PCT Int. Appl., 40 pp.

CODEN: P1XXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001070270	A2	20010927	WO 2001-US9271	20010323 <--
	WO 2001070270	A3	20020131		
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
PRAI	US 2000-191507P	P	20000323 <--		
	US 2000-216838P	P	20000707 <--		
OSC.G	6		THERE ARE 6 CAPLUS RECORDS THAT CITE THIS RECORD (6 CITINGS)		
RE.CNT	4		THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD		
			ALL CITATIONS AVAILABLE IN THE RE FORMAT		

L15 ANSWER 17 OF 18 HCAPLUS COPYRIGHT 2010 ACS on STN

TI Hair styling compositions containing polymers

AB The composition comprises: <1.5% 1 or more holding polymers, 1 or more saccharides having monomeric units >2, and a carrier. Thus, a formulation contained hydroxyethyl cellulose 0.125, Polymer-1189 [1-vinyl-2-pyrrolidone/vinylcaprolactam-3-(N-dimethylaminopropyl)methacrylamide] copolymer 3.125 and water qs to 100%. The effect of the formulation on the hair curl retention was determined

AN 2001:693795 HCAPLUS <<LOGINID:20100715>>

DN 135:262004

TI Hair styling compositions containing polymers

IN Brandt, Lorelei Marie; Neill, Paul Howard; Wydila, John Edward

PA Unilever Home & Personal Care Usa, Division of Conopco, Inc., USA

SO U.S. Pat. Appl. Publ., 9 pp., Cont. of U.S. Ser. No. 275,149.

CODEN: USXXCO

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 20010022967	A1	20010920	US 2001-826498	20010404 <--
	US 7179451	B2	20070220		
	CA 2300491	A1	20000924	CA 2000-2300491	20000313 <--
	CA 2300491	C	20091215		
	MX 2000002882	A	20020308	MX 2000-2882	20000323 <--
PRAI	US 1999-275149	A1	19990324	<--	

RE.CNT 14 THERE ARE 14 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L15 ANSWER 18 OF 18 HCAPLUS COPYRIGHT 2010 ACS on STN

TI Hair-dyeing and -tinting composition containing galactomannan derivative

AB Addition of a galactomannan, especially a C2-4-alkyl guar gum, to a powdered direct hair dye prevents clumping of the dye on dispersion in water and thereby permits uniform dyeing of the hair and provides an improved color intensity. Thus, 5 g of a powdered dye composition containing hydroxypropyl guar gum 14.00, cyclodextrin 3.50, PEG-1500 20.00, fatty alc. polyglycol ether 13.00, wheat protein hydrolyzate 2.40, honey dry extract 3.00, starch 38.00, K sorbate 3.30, C.I. 56059 0.65, C.I. 12250 2.00, and C.I. 12251 0.15 parts, when mixed with 80 g water and used to treat hair for 20 min, imparted a light blond color to the hair.

AN 1997:226782 HCAPLUS <<LOGINID:20100715>>

DN 126:216432

OREF 126:41771a,41774a

TI Hair-dyeing and -tinting composition containing galactomannan derivative

IN Eberling, Walter; Klusch, Hans; Lorenz, Heribert; Petzke, Erika

PA Goldwell GmbH, Germany

SO Ger. Offen., 6 pp.

CODEN: GWXXBX

DT Patent

LA German

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 19530998	A1	19970227	DE 1995-19530998	19950823 <--
	DE 19530998	C2	19980319		
	JP 09100224	A	19970415	JP 1996-200185	19960730 <--
	EP 761200	A2	19970312	EP 1996-112868	19960809 <--
	EP 761200	A3	19990331		
	EP 761200	B1	20010418		
	R: AT, BE, CH, DE, FR, GB, IT, LI, NL				
	AT 200614	T	20010515	AT 1996-112868	19960809 <--
PRAI	DE 1995-19530998	A	19950823	<--	

OSC.G 6 THERE ARE 6 CAPLUS RECORDS THAT CITE THIS RECORD (6 CITINGS)

RE.CNT 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD

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PASSWORD:

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FULL ESTIMATED COST	153.86	346.11
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-37.40	-37.40

=> file reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	153.86	346.11
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-37.40	-37.40

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DICTIONARY FILE UPDATES: 14 JUL 2010 HIGHEST RN 1232137-41-5

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<http://www.cas.org/support/stngen/stndoc/properties.html>

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=> exp locust bean/cn
E1      1      LOCUST ADIPOKINETIC HORMONE II/CN
E2      1      LOCUST ADIPOKINETIC HORMONE III/CN
E3      0 --> LOCUST BEAN/CN
E4      1      LOCUST BEAN GUM/CN
E5      1      LOCUST BEAN GUM DIALDEHYDE/CN
E6      1      LOCUST BEAN GUM HYDROXYPROPYL ETHER/CN
E7      1      LOCUST BEAN GUM POLYALDEHYDE/CN
E8      1      LOCUST BEAN GUM TRIACETATE/CN
E9      1      LOCUST BEAN GUM-DIMETHYLSILANEDIOL GRAFT COPOLYMER/CN
E10     1      LOCUST BEAN GUM-SODIUM BORATE COPOLYMER/CN
E11     1      LOCUST BEAN GUM-TETRAKIS (2-HYDROXYETHYL) ORTHOSILICATE COPOLYMER/CN
E12     1      LOCUST BEAN, FLOUR/CN

=> s e4
L16     1      "LOCUST BEAN GUM"/CN
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=> exp tara/cn
E1      1      TAR1 RECEPTOR (MACACA MULATTA GENE TAR1)/CN
E2      1      TAR3 SENSOR KINASE/CN
E3      2 -->  TARA/CN
E4      2      TARA 1A ISOFORM (DROSOPHILA MELANOGASTER GENE TARA)/CN
E5      2      TARA 1B ISOFORM (DROSOPHILA MELANOGASTER GENE TARA)/CN
E6      1      TARA 909/CN
E7      1      TARA GUM/CN
E8      1      TARA GUM HYDROXYPROPYLTRIMONIUM CHLORIDE/CN
E9      1      TARA GUM, 2-HYDROXY-3-(TRIMETHYLAMMONIO)PROPYL ETHER/CN
E10     1      TARA GUM, 2-HYDROXY-3-(TRIMETHYLAMMONIO)PROPYL ETHER, CHLORI
DE/CN
E11     1      TARA GUM, CARBOXYMETHYL ETHER/CN
E12     1      TARA GUM, HYDROGEN SULFATE/CN
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=> s e7
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L17      1 "TARA GUM"/CN
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=>
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```
chain nodes :
1  2  3  4  6
ring nodes :
7  8 10
chain bonds :
1-2  1-3  1-4  1-6  6-7
ring bonds :
7-8  7-10  8-10
exact/norm bonds :
1-2  1-3  1-4  7-8  7-10  8-10
exact bonds :
1-6  6-7
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Connectivity :
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2:1 X maximum RC ring/chain  3:1 X maximum RC ring/chain  4:1 X maximum RC
ring/chain
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Match level :
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1:CLASS 2:CLASS 3:CLASS 4:CLASS 6:CLASS 7:Atom 8:Atom 10:Atom
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Generic attributes :
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2:
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Saturation : Saturated
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3:
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Saturation : Saturated
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Number of Carbon Atoms : less than 7
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4:
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Number of Carbon Atoms : less than 7
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Element Count :
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Node 2: Limited
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C,C1-24

L18 STRUCTURE UPLOADED

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SAMPLE SCREEN SEARCH COMPLETED - 8197 TO ITERATE

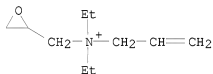
24.4% PROCESSED 2000 ITERATIONS 1 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 158512 TO 169368
PROJECTED ANSWERS: 1 TO 202

L19 1 SEA SSS SAM L18

=> d l19 scan

L19 1 ANSWERS REGISTRY COPYRIGHT 2010 ACS on STN
IN 2-Oxiranemethanaminium, N,N-diethyl-N-2-propen-1-yl-, chloride (1:1)
MF C10 H20 N O . Cl
CI COM



● Cl⁻

ALL ANSWERS HAVE BEEN SCANNED

=> s l18 sss full

FULL SEARCH INITIATED 14:49:15 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 162187 TO ITERATE

100.0% PROCESSED 162187 ITERATIONS 226 ANSWERS
SEARCH TIME: 00.00.02

L20 226 SEA SSS FUL L18

=> file hcaplus

COST IN U.S. DOLLARS

SINCE FILE
ENTRY

TOTAL
SESSION

FULL ESTIMATED COST	203.52	549.63
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	0.00	-37.40

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 FILE LAST UPDATED: 14 Jul 2010 (20100714/ED)
 REVISED CLASS FIELDS (/NCL) LAST RELOADED: Apr 2010
 USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Apr 2010

HCAplus now includes complete International Patent Classification (IPC) reclassification data for the second quarter of 2010.

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=> s l20

L21 1380 L20

=> s l16 or l17 or tara or (locust bean) or (ceratona siliqua)

4757 L16

703 L17

1114 TARA

9668 LOCUST

70441 BEAN

4650 LOCUST BEAN

(LOCUST(W)BEAN)

0 CERATONA

1174 SILIQUA

0 CERATONA SILIQUA

(CERATONA(W)SILIQUA)

L22 6203 L16 OR L17 OR TARA OR (LOCUST BEAN) OR (CERATONA SILIQUA)

=> s l16 or l17 or tara or (locust bean) or (ceratonia siliqua)

4757 L16

703 L17

1114 TARA

9668 LOCUST

70441 BEAN

4650 LOCUST BEAN

(LOCUST(W)BEAN)
 1056 CERATONIA
 1174 SILIQUA
 1032 CERATONIA SILIQUA
 (CERATONIA(W)SILIQUA)
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 L24 24 L21 AND L23
 => s 124 and (PY<2005 or AY<2005 or PRY<2005)
 25158662 PY<2005
 5168927 AY<2005
 4648592 PRY<2005
 L25 17 L24 AND (PY<2005 OR AY<2005 OR PRY<2005)
 => d 125 1-17 ti abs bib hitstr
 L25 ANSWER 1 OF 17 HCAPLUS COPYRIGHT 2010 ACS on STN
 TI Cationic Cassia polymers and hair fixative applications therefore
 AB This invention relates to cationic Cassia polymers and to their use in
 hair fixative applications. The cationic Cassia polymers demonstrate
 superior stiffness profiles and a high level of curl retention when
 subjected to high humidity conditions for extended periods of time. Thus,
 cationic Cassia (Cassia hydroxypropyl trimethylammonium chloride) was
 prepared: to a reaction vessel 160 g of Cassia gum was mixed in a solution of
 921 g of 44% isopropanol in water; 4.5 g of potassium hydroxide was added
 and slurry was formed; 92.8 g of 2,3-epoxypropyltrimethylammonium chloride
 was added; the reaction slurry was heated to 70° and kept for 3 h;
 after cooling to 50°, the slurry was diluted with 380 g of 99%
 isopropanol and neutralized to a pH of about 7.0 with a solution of acetic
 acid; the Cassia hydroxypropyl trimethylammonium chloride product was
 filtered, washed, air dried overnight and oven dried at 100° for 4
 h to produce 179.3 g of cationic Cassia; the final product has a nitrogen
 content of 2.18 weight% and a charge d. of 1.56 meq/g.
 AN 2010:377405 HCAPLUS <<LOGINID:20100715>>
 DN 152:365996
 TI Cationic Cassia polymers and hair fixative applications therefore
 IN Lepilleur, Carole A.; Rafferty, Denise W.; Fruscella, Jeffrey A.; Zellia,
 Joseph A.
 PA Lubrizol Advanced Materials, Inc., USA
 SO PCT Int. Appl., 69pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2010033302	A1	20100325	WO 2009-US51894	20090728
	W:	AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PE, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW			
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US 20090010855 A1 20090108 US 2008-211494 20080916 <--
 PRAI US 2008-211494 A 20080916
 US 2003-479793P P 20030619 <--
 US 2004-874296 A1 20040618 <--
 US 2007-843920 A2 20070823

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

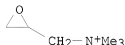
IT 9000-40-2, Locust bean gum
 39300-88-4, Tara gum
 RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
 (cationic polymers and hair fixative applications therefore)
 RN 9000-40-2 HCAPLUS
 CN Carob gum (CA INDEX NAME)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

RN 39300-88-4 HCAPLUS
 CN Tara gum (CA INDEX NAME)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

IT 3033-77-0, 2,3-Epoxypropyltrimethylammonium chloride
 RL: RCT (Reactant); RACT (Reactant or reagent)
 (cationic polymers and hair fixative applications therefore)
 RN 3033-77-0 HCAPLUS
 CN 2-Oxiranemethanaminium, N,N,N-trimethyl-, chloride (1:1) (CA INDEX NAME)



● Cl⁻

RE.CNT 18 THERE ARE 18 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L25 ANSWER 2 OF 17 HCAPLUS COPYRIGHT 2010 ACS on STN

TI Cationic Cassia polymers and hair fixative applications therefore
 AB This invention relates to cationic Cassia polymers and to their use in
 hair fixative applications. The cationic Cassia polymers demonstrate
 superior stiffness profiles and a high level of curl retention when
 subjected to high humidity conditions for extended periods of time. Thus,
 cationic Cassia (Cassia hydroxypropyl trimethylammonium chloride) was
 prepared: to a reaction vessel 160 g of Cassia gum was mixed in a solution of
 921 g of 44% isopropanol in water; 4.5 g of potassium hydroxide was added
 and slurry was formed; 92.8 g of 2,3-epoxypropyltrimethylammonium chloride
 was added; the reaction slurry was heated to 70° and kept for 3 h;
 after cooling to 50°, the slurry was diluted with 380 g of 99%
 isopropanol and neutralized to a pH of about 7.0 with a solution of acetic
 acid; the Cassia hydroxypropyl trimethylammonium chloride product was
 filtered, washed, air dried overnight and oven dried at 100° for 4
 h to produce 179.3 of cationic Cassia; the final product has a nitrogen
 content of 2.18 weight% and a charge d. of 1.56 meq/g.
 AN 2009:20929 HCAPLUS <<LOGINID::20100715>>

DN 150:105436
 TI Cationic Cassia polymers and hair fixative applications therefore
 IN Lepilleur, Carole A.; Rafferty, Denise W.; Zellia, Joseph A.; Fruscella,
 Jeffrey A.

PA Lubrizol Advanced Materials, Inc., USA
 SO U.S. Pat. Appl. Publ., 25pp., Cont.-in-part of U.S. Ser. No. 843,920.
 CODEN: USXXCO
 DT Patent
 LA English
 FAN.CNT 3

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PI	US 20090010855	A1	20090108	US 2008-211494	20080916 <--
	US 20050026794	A1	20050203	US 2004-874296	20040618 <--
	US 7262157	B2	20070828		
	US 20080004340	A1	20080103	US 2007-843920	20070823 <--
	US 7439214	B2	200801021		
	US 20090047227	A1	20090219	US 2008-254437	20081020 <--
	US 7704934	B2	20100427		
	JP 2009209155	A	20090917	JP 2009-147887	20090622 <--
	WO 2010033302	A1	20100325	WO 2009-US51894	20090728
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	US 2004-874296	A1	20040618	<--	
	US 2007-843920	A2	20070823		
	JP 2006-517362	A3	20040618	<--	
	US 2008-211494	A	20080916		

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

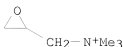
IT 9000-40-2, Locust bean gum
 39300-88-4, Tara gum
 RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
 (cationic polymers and hair fixative applications therefore)
 RN 9000-40-2 HCAPLUS
 CN Carob gum (CA INDEX NAME)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

RN 39300-88-4 HCAPLUS
 CN Tara gum (CA INDEX NAME)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

IT 3033-77-0, 2,3-Epoxypropyltrimethylammonium chloride
 RL: RCT (Reactant); RACT (Reactant or reagent)
 (cationic polymers and hair fixative applications therefore)
 RN 3033-77-0 HCAPLUS
 CN 2-Oxiranemethanaminium, N,N,N-trimethyl-, chloride (1:1) (CA INDEX NAME)



● Cl⁻

OSC.G 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD (1 CITINGS)

L25 ANSWER 3 OF 17 HCAPLUS COPYRIGHT 2010 ACS on STN

TI High ds cationic polygalactomannan for skin care products

AB A skin care composition is provided with (a) about 1-90% of a surfactant, (b) at least about 0.05% of a cationic polymer wherein the cationic polymer has a mean average mol. weight (MW) about 2000-10,000 Dalton, and the cationic polymer has a cationic degree of substitution (DS) greater than 0.25-3.0, and (c) at least one skin care active ingredient, wherein the skin care composition provides at least one of the functions of cleansing, protection, moisturizing, firming, conditioning, occlusive barrier, emolliency, depositing, and antiwrinkling the skin. A hand and body lotion contained Natrosol plus 0.50, cationic guar 0.25, glycerin 2.00, glycol stearate 2.75, stearic acid 2.50, mineral oil 2.00, acetylated lanolin 0.50, cetyl alc. 0.25, triethanolamine 0.50, propylene glycol and diazolidinyl urea and Me paraben and Pr paraben 0.75, and water 98%.

AN 2006:317086 HCAPLUS <<LOGINID:20100715>>

DN 144:376058

TI High ds cationic polygalactomannan for skin care products

IN Modi, Jashawant, J.

PA Hercules Incorporated, USA

SO PCT Int. Appl., 66 pp.

CODEN: PIXXD2

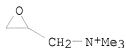
DT Patent

LA English

FAN.CNT 1

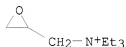
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	US 20060073110	A1	20060406	US 2005-223525	20050909 <--
	EP 1791518	A1	20070606	EP 2005-796657	20050909 <--
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	JP 2008514604	T	20080508	JP 2007-533519	20050909 <--
	BR 2005016082	A	20080819	BR 2005-16082	20050909 <--
	IN 2007DN01645	A	20070803	IN 2007-DN1645	20070301 <--
	MX 2007002692	A	20070516	MX 2007-2692	20070306 <--

KR 2007067103 A 20070627 KR 2007-706707 20070323 <--
 PRAI US 2004-613007P P 20040924 <--
 WO 2005-US32209 W 20050909
 ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT
 IT 3033-77-0 15876-88-7, Glycidyltriethylammonium
 chloride 622850-19-5 622850-20-8
 RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
 (high-d. cationic polygalactomannan for skin care products)
 RN 3033-77-0 HCAPLUS
 CN 2-Oxiranemethanaminium, N,N,N-trimethyl-, chloride (1:1) (CA INDEX NAME)



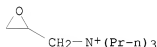
● Cl⁻

RN 15876-88-7 HCAPLUS
 CN 2-Oxiranemethanaminium, N,N,N-triethyl-, chloride (1:1) (CA INDEX NAME)



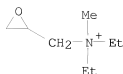
● Cl⁻

RN 622850-19-5 HCAPLUS
 CN 2-Oxiranemethanaminium, N,N,N-tripropyl-, chloride (1:1) (CA INDEX NAME)



● Cl⁻

RN 622850-20-8 HCAPLUS
 CN 2-Oxiranemethanaminium, N,N-diethyl-N-methyl-, chloride (1:1) (CA INDEX NAME)



● Cl⁻

RE.CNT 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L25 ANSWER 4 OF 17 HCAPLUS COPYRIGHT 2010 ACS on STN

TI Reduced odor in low molecular weight cationic polygalactomannan

AB A reduced odor composition is composed of at least one cationic polygalactomannan or a derivative of cationic polygalactomannan having a weight average mol. weight (Mw) having a lower limit of 5,000 and an upper limit of 200,000, a light transmittance in a 10% aqueous solution of greater than 80%

at a light wavelength of 600 nm, a protein content of less than 1.0% by weight of polysaccharide, and a trimethylamine content of less than 25 ppm in a 10% aqueous solution of the polymer. This composition is prepared by treating the polymer

with reagents that reduce the mol. weight of the polymer, removing the water-insol. solid material, and removing odorous components, including trimethylamine (TMA) and other amines and low mol. weight components from the aqueous phase to produce a polymer that when used in a functional system such as household care, personal care or pet care products has reduced or no odor at acidic, neutral, or alkaline pH values.

AN 2006:194008 HCAPLUS <<LOGINID::20100715>>

DN 144:280046

TI Reduced odor in low molecular weight cationic polygalactomannan

IN Beijger, Thomas P.; Erazo-Majewicz, Paquita; Hopkins, Daniel L.; Kostas, John N.; Kuo, Pong-Kuen P.; Modi, Jashawant J.; Xu, Zu-Feng

PA Hercules Inc., USA

SO U.S. Pat. Appl. Publ., 16 pp.

CODEN: USXXCO

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 20060045861	A1	20060302	US 2005-202469	20050812 <--
	WO 2006026113	A1	20060309	WO 2005-US28608	20050812 <--
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	EP 1791871	A1	20070606	EP 2005-786099	20050812 <--

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CN 101035811 A 20070912 CN 2005-80029062 20050812 <--
JP 2008511722 T 20080417 JP 2007-529920 20050812 <--
BR 2005014752 A 20080624 BR 2005-14752 20050812 <--
US 20060046943 A1 20060302 US 2005-211001 20050824 <--
WO 2006026750 A1 20060309 WO 2005-US31291 20050830 <--

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EP 1784429 A1 20070516 EP 2005-810006 20050830 <--
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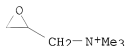
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WO 2005-US28608 W 20050812
WO 2005-US31291 W 20050830

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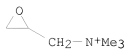
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chloride 211099-44-4 622850-19-5
622850-20-8
RL: COS (Cosmetic use); TEM (Technical or engineered material use); BIOL
(Biological study); USES (Uses)
(reduced odor in low mol. weight cationic polygalactomannan)

RN 3033-77-0 HCAPLUS
CN 2-Oxiranemethanaminium, N,N,N-trimethyl-, chloride (1:1) (CA INDEX NAME)

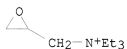


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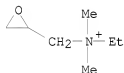
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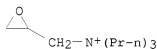
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 CN 2-Oxiranemethanaminium, N,N,N-triethyl-, chloride (1:1) (CA INDEX NAME)



RN 211099-44-4 HCAPLUS
 CN 2-Oxiranemethanaminium, N-ethyl-N,N-dimethyl-, chloride (1:1) (CA INDEX NAME)

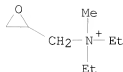


RN 622850-19-5 HCAPLUS
 CN 2-Oxiranemethanaminium, N,N,N-tripropyl-, chloride (1:1) (CA INDEX NAME)



RN 622850-20-8 HCAPLUS
 CN 2-Oxiranemethanaminium, N,N-diethyl-N-methyl-, chloride (1:1) (CA INDEX NAME)

NAME)

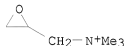


● Cl⁻

L25 ANSWER 5 OF 17 HCAPLUS COPYRIGHT 2010 ACS on STN
 TI Cosmetic compositions comprising new amphoteric polysaccharide compounds with a sulfonate group
 AB New amphoteric polysaccharide compds. are claimed for use in cosmetics having a sulfonate group (An-X-O)n-P-(O-Z-Sulfo)p-(O(Y)r-CAT)m; wherein P is a polysaccharide chain; X, Y and Z are a C1-12 divalent, linear or substituted, saturated or unsatd., possibly hydroxylated hydrocarbon group and contain at least an ether and/or amine group in the hydrocarbon chain, or a Si(R)2-[O-Si(R)2]q-A-; r is 0 or 1; An is -C(O)OV, CAT represents a quaternary ammonium group or a cationic polymeric chain obtained by grafting and polymerization of ethylene monomers carrying a quaternary ammonium group, Sulfo represents a sulfonic or sulfonate group; and n, m and p are such as the total degree of substitution of polysaccharide does not exceed 2. Sodium CM-cellulose was sulfonated and quaternized. Formulation of a shampoo containing 0.5% of above compound is disclose.
 AN 2006:170539 HCAPLUS <<LOGINID::20100715>>
 DN 144:260098
 TI Cosmetic compositions comprising new amphoteric polysaccharide compounds with a sulfonate group
 IN Philippe, Michel
 PA L'Oreal, Fr.
 SO Fr. Demande, 30 pp.
 CODEN: FRXXBL
 DT Patent
 LA French
 FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	FR 2874380	A1	20060224	FR 2004-8996	20040819 <--
	FR 2874380	B1	20061124		
	WO 2006018327	A2	20060223	WO 2005-EP9991	20050819 <--
	WO 2006018327	A3	20060504		
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 IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR
 JP 2008514736 T 20080508 JP 2007-526408 20050819 <--
 US 20080124294 A1 20080529 US 2007-660379 20070918 <--
 PRAI FR 2004-8996 A 20040819 <--
 US 2004-612178P P 20040923 <--
 WO 2005-EP9991 W 20050819
 ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT
 IT 9000-40-2DP, Carob gum, sulfonated and quaternized
 RL: COS (Cosmetic use); SPN (Synthetic preparation); BIOL (Biological
 study); PREP (Preparation); USES (Uses)
 (cosmetic compns. comprising new amphoteric polysaccharide compds. with
 sulfonate group)
 RN 9000-40-2 HCAPLUS
 CN Carob gum (CA INDEX NAME)
 *** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
 IT 45633-15-6
 RL: RCT (Reactant); RACT (Reactant or reagent)
 (cosmetic compns. comprising new amphoteric polysaccharide compds. with
 sulfonate group)
 RN 45633-15-6 HCAPLUS
 CN 2-Oxiranemethanaminium, N,N,N-trimethyl- (CA INDEX NAME)



RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L25 ANSWER 6 OF 17 HCAPLUS COPYRIGHT 2010 ACS on STN
 TI Use of plant gums, including modified and insoluble plant gums, for the
 elimination of natural organic substances from liquids
 AB Natural organic compds. such as humic acid, fulvic acids, proteins,
 carbohydrates, amino acids, or peptides are removed from natural water,
 wastewaters, industrial waters, drinking water, fruit juices, syrups, and
 other water-based foods using plant gums or modified plant gums. The gums
 may be glucomannans such as Konjac, xyloglucans such as tamarind gum,
 galactomannans such as guar gum, carob gum, tara, fenugreek, or
 mesquite gum, or gum arabic or their mixts. The starch may be modified
 with cationic or cationizable groups by nucleophilic substitution, by
 esterification, or by polymerization
 AN 2005:1351099 HCAPLUS <<LOGINID:20100715>>
 DN 144:93718
 TI Use of plant gums, including modified and insoluble plant gums, for the
 elimination of natural organic substances from liquids
 IN Mabilie, Caroline; Sassi, Jean Francois; Mottot, Yves; Monin, Vincent
 PA Rhodia Consumer Specialties Ltd., UK
 SO Fr. Demande, 45 pp.
 CODEN: FRXXBL
 DT Patent
 LA French
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	FR 2872064	A1	20051230	FR 2004-7143	20040629 <--

FR 2872064 B1 20071109
 WO 2006010850 A1 20060202 WO 2005-FR1638 20050628 <--
 W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH,
 CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD,
 GE, GH, GM, GR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ,
 LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA,
 NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK,
 SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU,
 ZA, ZM, ZW
 RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE,
 IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF,
 CG, CI, CM, GA, GN, GO, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM,
 KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG,
 KZ, MD, RU, TJ, TM
 EP 1778395 A1 20070502 EP 2005-779695 20050628 <--
 R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE,
 IS, IT, LI, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR
 US 20090098262 A1 20090416 US 2008-630723 20080815 <--
 PRAI FR 2004-7143 A 20040629 <--
 WO 2005-FR1638 W 20050628

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

OS MARPAT 144:93718

IT 39300-88-4, Tara gum

RL: NUU (Other use, unclassified); USES (Uses)

(gum; use of starch, including modified and insol. starch, for the
 elimination of natural organic substances from liqs.)

RN 39300-88-4 HCAPLUS

CN Tara gum (CA INDEX NAME)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

IT 9000-40-2, Carob gum

RL: NUU (Other use, unclassified); USES (Uses)

(use of starch, including modified and insol. starch, for the
 elimination of natural organic substances from liqs.)

RN 9000-40-2 HCAPLUS

CN Carob gum (CA INDEX NAME)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

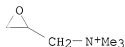
IT 3033-77-0, Quab 151

RL: RCT (Reactant); RACT (Reactant or reagent)

(use of starch, including modified and insol. starch, for the
 elimination of natural organic substances from liqs.)

RN 3033-77-0 HCAPLUS

CN 2-Oxiranemethanaminium, N,N,N-trimethyl-, chloride (1:1) (CA INDEX NAME)



● C1-

OSC.G 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD (1 CITINGS)
 RE.CNT 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L25 ANSWER 7 OF 17 HCAPLUS COPYRIGHT 2010 ACS on STN

TI Cation-modified purified galactomannan polysaccharide and cosmetic composition containing the substance

AB The invention relates to a cationic polymer which, when incorporated in a hair treatment composition, produces an excellent conditioning effect and which, when incorporated in a body detergent composition, improves lathering and lather quality and gives a satisfactory use feeling. A cation-modified purified galactomannan polysaccharide has a main chain comprising structural units derived from mannose and side chains comprising galactose units, wherein the content of galactomannans in which the mannose/galactose proportion is 4/1 and/or 3/1 is 80% by mass or higher and part of the hydroxy groups of the polysaccharide have been replaced with a quaternary N-containing group.

AN 2005:732673 HCAPLUS <<LOGINID:20100715>>

DN 143:195518

TI Cation-modified purified galactomannan polysaccharide and cosmetic composition containing the substance

IN Takeda, Hiromitsu; Mori, Yoshihiko; Ueda, Hiromichi

PA Toho Chemical Industry Co., Ltd., Japan

SO PCT Int. Appl., 65 pp.

CODEN: PIXXD2

DT Patent

LA Japanese

FAN.CNT 1

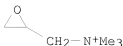
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2005073255	A1	20050811	WO 2005-JP995	20050126 <--
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
EP 1739095	A1	20070103	EP 2005-704132	20050126 <--
R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR				
CN 1914229	A	20070214	CN 2005-80003656	20050126 <--
CN 100519587	C	20090729		
IN 2006DN04370	A	20070713	IN 2006-DN4370	20060728 <--
KR 2006132709	A	20061221	KR 2006-717468	20060829 <--
US 20070172441	A1	20070726	US 2006-587526	20060915 <--
PRAI JP 2004-24894	A	20040130	<--	
WO 2005-JP995	W	20050126		

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

IT 3033-77-0DP, Glycidyltrimethylammonium chloride, reaction products with galactomannans or derivs. 9000-40-2DP, Locust bean gum, cationic derivs. 39300-88-4DP, Tara gum, cationic derivs.
 RL: COS (Cosmetic use); IMF (Industrial manufacture); PRP (Properties); BIOL (Biological study); PREP (Preparation); USES (Uses)
 (manufacture of cationic derivs. of purified galactomannan polysaccharide for use in hair conditioning and body detergent)

RN 3033-77-0 HCAPLUS

CN 2-Oxiranemethanaminium, N,N,N-trimethyl-, chloride (1:1) (CA INDEX NAME)



● Cl⁻

RN 9000-40-2 HCAPLUS
CN Carob gum (CA INDEX NAME)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

RN 39300-88-4 HCAPLUS
CN Tara gum (CA INDEX NAME)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

OSC.G 5 THERE ARE 5 CAPLUS RECORDS THAT CITE THIS RECORD (7 CITINGS)
RE.CNT 9 THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L25 ANSWER 8 OF 17 HCAPLUS COPYRIGHT 2010 ACS on STN

TI Cationic, oxidized polysaccharides in conditioning applications

AB A cationic, oxidized polysaccharide or derivative thereof that has a mean average

mol. weight (Mw) having a lower limit of 50,000 and an upper limit of 1,000,000 and an aldehyde functionality content of at least 0.001meq/g is used in personal care and household care comps. This cationic, oxidized polysaccharide is prepared in continuous or batch processes using hydrolytic reagents, oxidizing reagents, or combination of hydrolytic reagents and oxidizing reagents. Personal care or household care comps. are prepared by adding the cationic, oxidized polysaccharide to a personal care or household composition containing at least one active ingredient other than the cationic, oxidized polysaccharide of this invention. For example, N-Hance 3205 cationic guar oxidatively degraded with hydrogen peroxide was incorporated into conditioning shampoo together with HPMC60SH4000, Amphosol CA, Rhodapex ES STD and sodium chloride and Glydant.

AN 2004:902140 HCAPLUS <<LOGINID::20100715>>

DN 141:370216

TI Cationic, oxidized polysaccharides in conditioning applications

IN Erazo-Majewic, Paquita; Modi, Jashawant J.; Xu, Zu-Feng

PA Hercules Incorporated, USA

SO PCT Int. Appl., 69 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2004091557	A2	20041028	WO 2004-US11166	20040407 <--
	WO 2004091557	A3	20050127		
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
	RW:	BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE,			

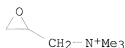
ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI,
SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN,
TD, TG

CA 2519373 A1 20041028 CA 2004-2519373 20040407 <--
EP 1611157 A2 20060104 EP 2004-750005 20040407 <--
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK, HR
BR 2004009243 A 20060328 BR 2004-9243 20040407 <--
CN 1780857 A 20060531 CN 2004-80009535 20040407 <--
JP 2006522829 T 20061005 JP 2006-509912 20040407 <--
IN 2005DN04309 A 20070831 IN 2005-DN4309 20050923 <--
MX 2005010749 A 20051215 MX 2005-10749 20051006 <--
PRAI US 2003-461866P P 20030409 <--
WO 2004-US11166 W 20040407 <--
IT 3033-77-0D, Glycidyl trimethylammonium chloride, polysaccharide
derivs. 13895-77-7D, polysaccharide derivs.
15876-88-7D, Glycidyl triethylammonium chloride, polysaccharide
derivs. 211099-44-4D, polysaccharide derivs.
622850-19-5D, polysaccharide derivs. 622850-20-8D,
polysaccharide derivs.
RL: COS (Cosmetic use); TEM (Technical or engineered material use); BIOL
(Biological study); USES (Uses)
(cosmetic and household care compns. containing low mol. weight cationic
oxidized polysaccharides for improved viscosity and stability)
RN 3033-77-0 HCAPLUS
CN 2-Oxiranemethanaminium, N,N,N-trimethyl-, chloride (1:1) (CA INDEX NAME)

L25 ANSWER 9 OF 17 HCAPLUS COPYRIGHT 2010 ACS on STN
TI Cosmetic compositions containing cationically-modified galactomannan
polysaccharides
AB The invention relates to a cosmetic composition providing rich and stable foam
with excellent feeling in use, wherein the composition is characterized by
containing defined cationically-modified galactomannan polysaccharide.
Tara gum was reacted with glycidyltrimethylammonium chloride to
obtain a cationic tara gum for shampoo composition
AN 2003:902374 HCAPLUS <<LOGINID:20100715>>
DN 139:385853
TI Cosmetic compositions containing cationically-modified galactomannan
polysaccharides
IN Takeda, Hiromitsu; Mori, Yoshihiko; Hashimoto, Goro
PA Toho Chemical Industry Co., Ltd., Japan
SO Jpn. Kokai Tokkyo Koho, 11 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2003327603	A	20031119	JP 2002-176394	20020515 <--
	JP 4260427	B2	20090430		
PRAI	JP 2002-176394		20020515 <--		
IT	3033-77-0DP, Glycidyltrimethylammonium chloride, reaction products with tara gum 39300-88-4DP, Tara gum, cationically-modified RL: COS (Cosmetic use); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses) (cosmetic compns. containing cationically-modified galactomannan polysaccharides)				
RN	3033-77-0 HCAPLUS				

CN 2-Oxiranemethanaminium, N,N,N-trimethyl-, chloride (1:1) (CA INDEX NAME)



● Cl⁻

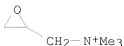
RN 39300-88-4 HCAPLUS
CN Tara gum (CA INDEX NAME)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
OSC.G 3 THERE ARE 3 CAPLUS RECORDS THAT CITE THIS RECORD (4 CITINGS)

L25 ANSWER 10 OF 17 HCAPLUS COPYRIGHT 2010 ACS on STN
TI Coagulants for treatment of high-moisture dredging muds or sludges
AB The coagulant for treating high-moisture dredging muds or sludges during dewatering comprise cationized polysaccharides or anionized polysaccharides such as guar gum, locust bean gum, tamarind seed gum, xanthan gum, and/or cellulose derivs. The coagulants are effective for rapidly agglomerating floc to form ppts. and reducing the volume of dewatered sludges.
AN 2000:657875 HCAPLUS <<LOGINID:20100715>>
DN 133:242043
TI Coagulants for treatment of high-moisture dredging muds or sludges
IN Kishida, Tatsuya; Kinbara, Yoko
PA Nippon Starch Refining Co., Ltd., Japan
SO Jpn. Kokai Tokkyo Koho, 7 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	---	-----	-----	-----
PI	JP 2000254700	A	20000919	JP 1999-66047	19990312 <--
PRAI	JP 1999-66047		19990312 <--		
IT	9000-40-2D, Locust bean gum, cat ionized with 2,3-epoxypropyltrimethylammonium chloride				
	RL: PEP (Physical, engineering or chemical process); TEM (Technical or engineered material use); PROC (Process); USES (Uses)				
	(as coagulants for treatment of high-moisture dredging muds or sludges)				
RN	9000-40-2 HCAPLUS				
CN	Carob gum (CA INDEX NAME)				

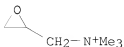
*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
IT 3033-77-0, 2,3-Epoxypropyltrimethylammonium chloride
RL: PEP (Physical, engineering or chemical process); TEM (Technical or engineered material use); PROC (Process); USES (Uses)
(guar gum cationized with; as coagulants for treatment of high-moisture dredging muds or sludges)
RN 3033-77-0 HCAPLUS
CN 2-Oxiranemethanaminium, N,N,N-trimethyl-, chloride (1:1) (CA INDEX NAME)



● Cl⁻

L25 ANSWER 11 OF 17 HCAPLUS COPYRIGHT 2010 ACS on STN
 TI Cationic polymers for hair cosmetics showing excellent conditioning effects
 AB The invention relates to galactomannans substituted with OCH₂CH[OH]CH₂N[R1][R2]R3X [R2-3 = Cl-3 alkyl; X = monovalent cation] as cationic polymers for manufacturing hair cosmetics, which show excellent conditioning effects. A shampoo contained the cationic polymer [a carob gum derivative] 1, polyoxyethylene lauryl ether sulfate triethanolamine 20, polyoxyethylene lauryl ether sulfate sodium salt 10, coco fatty acid amidopropylbetaine 15, coco fatty acid diethanolamide 2, propylene glycol 3, ethylene glycol distearate 1, sodium EDTA 0.1, sodium benzoate 0.1, citric acid solution and distilled water to 100 %.
 AN 2000:233963 HCAPLUS <<LOGINID::20100715>>
 DN 132:255754
 TI Cationic polymers for hair cosmetics showing excellent conditioning effects
 IN Yoshijima, Hiroshi; Takeda, Hiromitsu; Mori, Yoshihiko
 PA Toho Chemical Industry Co., Ltd., Japan
 SO Jpn. Kokai Tokkyo Koho, 6 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2000103724	A	20000411	JP 1998-291316	19980930 <--
	JP 4069228	B2	20080402		
PRAI	JP 1998-291316		19980930	<--	
IT	3033-77-0DP, Glycidyltrimethylammonium chloride, reaction products with carob gum 9000-40-2DP, Carob gum, reaction products with glycidyltrimethylammonium chloride				
	RL: BUU (Biological use, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)				
	(cationic polymers for hair cosmetics showing excellent conditioning effects)				
RN	3033-77-0 HCAPLUS				
CN	2-Oxiranemethanaminium, N,N,N-trimethyl-, chloride (1:1) (CA INDEX NAME)				



● Cl⁻

RN 9000-40-2 HCAPLUS
CN Carob gum (CA INDEX NAME)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

OSC.G 3 THERE ARE 3 CAPLUS RECORDS THAT CITE THIS RECORD (4 CITINGS)

L25 ANSWER 12 OF 17 HCAPLUS COPYRIGHT 2010 ACS on STN

TI Cationized galactomannan hydrolyzates as cosmetic materials and cosmetics containing them

AB The cosmetic materials comprise galactomannan hydrolyzates, in which a part of OH groups is substituted with cationic compds. The cosmetics, especially hair prepn., contain the materials. The hydrolyzates are preferably

show Brookfield viscosity of the 10% aqueous solution 5-20 cP (25°, 30 rpm) and prepared by limited hydrolysis so that ≥80% of them show mol. weight 4500-35,000. The galactomannan derivs. have good compatibility with hair and skin, and show smoothing and softening effect on hair. Guar gum was treated with galactomannanase in H₂O containing citric acid (pH 3.0) at 40-45° for 24 h to give hydrolyzates, of which 82% showed mol. weight 8800-22,000. The hydrolyzates were treated with glycidyltrimethylammonium chloride in H₂O/MeOH containing NaOH at 50° for 6 h to give cationized hydrolyzed guar gum. Shampoos containing the cationized products were also prepared

AN 1998:95114 HCAPLUS <<LOGINID::20100715>>

DN 128:158729

OREF 128:31159a,31162a

TI Cationized galactomannan hydrolyzates as cosmetic materials and cosmetics containing them

IN Nakamura, Taketsugu; Oi, Kazunori

PA Taiyo Kagaku Co., Ltd., Japan

SO Jpn. Kokai Tokkyo Koho, 9 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	JP 10036403	A	19980210	JP 1996-209149	19960719 <--
PRAI	JP 1996-209149		19960719 <--		
IT	3033-77-0DP, Glycidyltrimethylammonium chloride, reaction products with galactomannan hydrolyzates 9000-40-2DP, locust bean gum, hydrolyzates, reaction products with glycidyltrimethylammonium chloride RL: BUU (Biological use, unclassified); PNU (Preparation, unclassified); PRP (Properties); BIOL (Biological study); PREP (Preparation); USES (Uses) (preparation of low-viscosity cationized galactomannan hydrolyzates for skin and hair cosmetics)				
RN	3033-77-0	HCAPLUS			
CN	2-Oxiranemethanaminium, N,N,N-trimethyl-, chloride (1:1) (CA INDEX NAME)				



CH₂-N⁺Me₃

● Cl⁻

RN 9000-40-2 HCAPLUS
CN Carob gum (CA INDEX NAME)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

IT 9000-40-2, Locust bean gum
RL: RCT (Reactant); RACT (Reactant or reagent)
(preparation of low-viscosity cationized galactomannan hydrolyzates for skin
and hair cosmetics)

RN 9000-40-2 HCAPLUS
CN Carob gum (CA INDEX NAME)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

OSC.G 4 THERE ARE 4 CAPLUS RECORDS THAT CITE THIS RECORD (5 CITINGS)

L25 ANSWER 13 OF 17 HCAPLUS COPYRIGHT 2010 ACS on STN
TI Preparation of cationized hydroxyalkyl galactomannans as cosmetic bases
AB Galactomannan hydroxyalkyl ethers with MS value 0.1-1.8, in which the OH
group is partially substituted with OCH₂CH(OH)CH₂N⁺R1R2R3X⁻ (R1-3 = C1-3
alkyl; X⁻ = anion) and the N content is 0.2-3 weight%, are claimed as
cosmetic bases. The bases show good compatibility with the hair and skin,
and show softening and smoothing effects. Guar gum was successively
treated with ethylene oxide and glycidyltrimethylammonium chloride to give
a cationized guar gum (I) with MS value 1.2 and N content 2.4 weight%. A
shampoo containing 2 weight% I was formulated.

AN 1995:795723 HCAPLUS <<LOGINID:20100715>>

DN 123:179134

OREF 123:31703a,31706a

TI Preparation of cationized hydroxyalkyl galactomannans as cosmetic bases

IN Nakajima, Tooru; Watanabe, Yoshihiro; Saka, Naoko

PA Nippon Starch Refining, Japan

SO Jpn. Kokai Tokkyo Koho, 7 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	---	-----	-----	-----
PI	JP 07173028	A	19950711	JP 1993-355302	19931217 <--
PRAI	JP 1993-355302		19931217 <--		
IT	3033-77-ODP, Glycidyltrimethylammonium chloride, reaction products with galactomannan and alkylene oxide 9000-40-2DP, Locust bean gum, reaction products with alkylene oxides and glycidyltrimethylammonium chloride RL: BUU (Biological use, unclassified); PNU (Preparation, unclassified); BIOL (Biological study); PREP (Preparation); USES (Uses) (hair and skin cosmetics containing cationized hydroxyalkyl galactomannans)				
RN	3033-77-0 HCAPLUS				
CN	2-Oxiranemethanaminium, N,N,N-trimethyl-, chloride (1:1) (CA INDEX NAME)				



CH₂-N⁺Me₃

● Cl⁻

RN 9000-40-2 HCAPLUS
CN Carob gum (CA INDEX NAME)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

OSC.G 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD (1 CITINGS)

L25 ANSWER 14 OF 17 HCAPLUS COPYRIGHT 2010 ACS on STN
TI Cosmetic bases containing cationized hydroxyalkyl galactomannans
AB Cosmetic bases comprise low-viscosity cationized hydroxyalkyl galactomannans [N content 0.2-3 weight%, viscosity of 30% aqueous solution (at 30°) 3-500 cPs], in which the OH groups in the galactomannan hydroxyalkyl ethers (MS value 0.1-1.8) are partially substituted with OCH₂CH(OH)CH₂N+R₁R₂R₃.X- (R₁, R₂, R₃ = C1-3 alkyl; X- = monovalent anion). The cosmetics bases show good compatibility with the hair and skin and show softening and smoothing effects. Guar gum (60 g) was added to a mixture of H₂O 26, MeOH 100, and NaOH 3 g, 35 g ethylene oxide was introduced to the mixture at 1.5 kg/cm², the mixture was treated at 50° until the lowering of the pressure stopped and for further 1 h, and the reaction mixture was treated with 40 g glycidyltrimethylammonium chloride and 25 g 35% H₂O₂ at 50° for 5 h to give cationized hydroxyalkyl guar gum (viscosity 320 cPs, N content 2.4 weight%). Shampoo containing 1 weight%

the cationized hydroxyalkyl guar gum was formulated.

AN 1995:475811 HCAPLUS <<LOGINID::20100715>>

DN 122:222465

OREF 122:40499a,40502a

TI Cosmetic bases containing cationized hydroxyalkyl galactomannans

IN Nakajima, Tooru; Watanabe, Yoshihiro; Saka, Naoko

PA Nippon Starch Refining, Japan

SO Jpn. Kokai Tokkyo Koho, 8 pp.

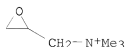
CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 07017825	A	19950120	JP 1993-251205	19930630 <--
	JP 3349219	B2	20021120		
PRAI	JP 1993-251205		19930630	<--	
IT	3033-77-ODP,		Glycidyltrimethylammonium chloride, reaction products with galactomannan and alkylene oxides	9000-40-2DP,	
	Locust bean gum, reaction products with alkylene oxides and glycidyltrimethylammonium chloride				
	RL: BUU (Biological use, unclassified); PNU (Preparation, unclassified); BIOL (Biological study); PREP (Preparation); USES (Uses)				
	(hair and skin cosmetics containing low-viscosity cationized hydroxyalkyl galactomannan)				
RN	3033-77-0		HCAPLUS		
CN	2-Oxiranemethanaminium, N,N,N-trimethyl-, chloride (1:1)				(CA INDEX NAME)



● Cl⁻

RN 9000-40-2 HCAPLUS
CN Carob gum (CA INDEX NAME)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

OSC.G 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD (1 CITINGS)

L25 ANSWER 15 OF 17 HCAPLUS COPYRIGHT 2010 ACS on STN

TI Resist printing of natural fibers and regenerated fibers

AB The title method giving fibers which could be dip dyed with reduced color overlap comprise printing the fibers with resists containing 2,3-epoxypropyltrimethylammonium chloride (I) and/or sulfamides, tannic acids, di-Me siloxanes, Me H siloxanes, and carbamides and subsequent heat treatment. Thus, cyclization of $\text{ClCH}_2\text{CH}(\text{OH})\text{CH}_2\text{N}^+\text{Me}_3 \text{Cl}^-$ in aqueous NaOH gave I, 35 parts of which was blended with tannic acid 5, di-Me siloxane 4, Me H siloxane 0.5, locust bean gum 5, urea 25, and H_2O 25.5 parts to give a resist. A wool yarn was printed with the resist, cured at 130° for 120 min, steamed for 10 min, soaped, washed, and dried to give a resist-printed yarn, which could be dyed by reactive dyes with reduced color overlap.

AN 1990:480475 HCAPLUS <<LOGINID::20100715>>

DN 113:80475

OREF 113:13609a,13612a

TI Resist printing of natural fibers and regenerated fibers

IN Muto, Shinichi; Nakamura, Masahiro

PA JF Corp., Japan

SO Jpn. Kokai Tokkyo Koho, 3 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 02118188	A	19900502	JP 1988-271267	19881027 <--
PRAI	JP 1988-271267		19881027 <--		

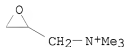
IT 3033-77-0P, 2,3-Epoxypropyltrimethylammonium chloride

RL: IMF (Industrial manufacture); PREP (Preparation)

(preparation of, resists containing, for printing of natural fibers, for reduced color overlap in dyeing)

RN 3033-77-0 HCAPLUS

CN 2-Oxiranemethanaminium, N,N,N-trimethyl-, chloride (1:1) (CA INDEX NAME)

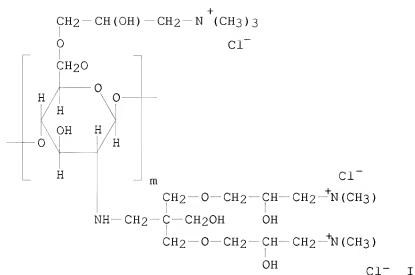


● Cl⁻

L25 ANSWER 16 OF 17 HCAPLUS COPYRIGHT 2010 ACS on STN

TI Cationized polysaccharide derivatives with hypocholesterolemic activity

GI



AB Cationized derivs. of natural polysaccharides having a polyglucoside structure with 50-5000 monomer units and ≥ 1 side chain bonded to the glucoside nucleus by a N or O atom or an amide group, said side chains having ≥ 1 quaternary N atom so that each monomer unit has a cation charge d. exceeding 2 (various side chains and substituents are further defined). One compound was prepared by reacting chitosan, 1-bromo-2,2'-dihydroxymethyl-3-propanol, and tributylamine at 80° for 24 h, and reacting the product with glycidyltrimethylammonium chloride to give I in .apprx.70% yield (calculated as the free base). Hypercholesterolemic rats and rabbits treated with 0.5 g I/kg for 30 days had serum cholesterol levels of 7.1 and 17.8 mg %, resp., compared to 37.4 and 81.4 mg % resp., for controls.

AN 1990:132482 HCAPLUS <<LOGINID:20100715>>

DN 112:132482

OREF 112:22225a,22228a

TI Cationized polysaccharide derivatives with hypocholesterolemic activity

IN Conti, Franco

PA Etablissement Texcontor, Liechtenstein

SO Eur. Pat. Appl., 12 pp.

CODEN: EPXXDW

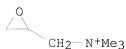
DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 319645	A1	19890614	EP 1988-110691	19880705 <--
	R: AT, BE, CH, DE, ES, FR, GB, GR, IT, LI, LU, NL, SE				
	ES 2007273	A6	19890601	ES 1988-2330	19880722 <--
	JP 01156301	A	19890619	JP 1988-209604	19880825 <--
	US 5059685	A	19911022	US 1991-652217	19910205 <--
PRAI	IT 1987-22711	A	19871120	<--	
	US 1988-249124	B1	19880926	<--	
IT	3033-77-0, Glycidyltrimethylammonium chloride				
	RL: RCT (Reactant); RACT (Reactant or reagent)				
	(reaction of, in preparation of hypocholesterolemic agent)				
RN	3033-77-0 HCAPLUS				

CN 2-Oxiranemethanaminium, N,N,N-trimethyl-, chloride (1:1) (CA INDEX NAME)



● Cl⁻

OSC.G 3 THERE ARE 3 CAPLUS RECORDS THAT CITE THIS RECORD (3 CITINGS)

L25 ANSWER 17 OF 17 HCAPLUS COPYRIGHT 2010 ACS on STN

TI Quaternary ammonium salts of natural polysaccharides possessing hypocholesterolemic activity

AB Water-soluble salts of AmBCH₂CH(OH)(CH₂)_nN+R₃ X⁻ (I; A = monomer unit of natural polysaccharide; m = 100-1000; B = O, S, NH, NR₁; R₁ = acyl, Ac; n = 0-10; R = linear C1-4 alkyl; X = Cl, Br, I, HSO₄, MeSO₄, NO₃, pharmaceutically acceptable organic acid ion) with hypocholesterolemic activity are prepared by reacting a pretreated natural polysaccharide with a quaternary ammonium salt functionalized at 1 end with an epoxy group. Powdered guar gum was dispersed in 20 weight% NaOH for 1 h. The system was

then dispersed in dioxane and glycidyltrimethylammonium chloride was added. The mixture was agitated at 40° for 24 h. The product was precipitated with acetone, washed, and dried. Hypercholesterolemic rabbits treated with 0.5 g of the product/kg for 30 days showed greater decreases in serum cholesterol levels than with cholestyramine treatment.

AN 1987:470813 HCAPLUS <<LOGINID:20100715>>

DN 107:70813

OREF 107:11541a,11544a

TI Quaternary ammonium salts of natural polysaccharides possessing hypocholesterolemic activity

IN Conti, Franco

PA Etablissement Texcontor, Switz.

SO Eur. Pat. Appl., 10 pp.

CODEN: EPXXDW

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 212145	A1	19870304	EP 1986-108708	19860626 <--
	EP 212145	B1	19910102		
	R: AT, BE, CH, DE, FR, GB, IT, LI, LU, NL, SE				
	AT 59555	T	19910115	AT 1986-108708	19860626 <--
	CA 1282062	C	19910326	CA 1986-514186	19860718 <--
	JP 63258901	A	19881026	JP 1986-171929	19860723 <--
	JP 03023081	B	19910328		
	US 2001226	A6	19880501	ES 1986-1093	19860813 <--
	US 4985410	A	19910115	US 1988-189247	19880502 <--
PRAI	IT 1985-21937	A	19850814	<--	
	US 1985-801323	B1	19851125	<--	
	EP 1986-108708	A	19860626	<--	

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

IT 3033-77-ODP, reaction products with chitosan

RL: SPN (Synthetic preparation); PREP (Preparation)

(preparation of, as hypocholesterolemic)

RN 3033-77-0 HCAPLUS

CN 2-Oxiranemethanaminium, N,N,N-trimethyl-, chloride (1:1) (CA INDEX NAME)